

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 1992



SEASON'S GREETINGS





(unIDentified DX)

December 1992

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I have quite a few reports on hand this time. I am glad to see support for this column! And I know some DX'ers will be glad to see some ID's of their unIDs below! Let me take a moment to wish you and yours a happy holiday season! Now on to the unIDs...

Paul Mount, Box 126, Lincroft, NJ 07738

1991 FM:

Wed May 15 tr 99.3 0145 EDT -- 23 minutes of AC/oldies past top of hour, then "All Night Radio, 10 after the hour with Bobby Russell," but no local ID's.

Mon Jul 1 ?? 92.1 1925 EDT -- "J92 and AM 1450" into gospel (I think)

Mon Jul 1 ?? 100.5 2018 EDT -- "Mississippi's Only Country...101" but there are 3 stations on 100.5 in MS, 2 w/no formats listed even in FM Atlas 14. (Paul, I had WBLE in Batesville MS here via tropes and their slogan is "Country 101".-mcs)

1992 FM:

Sun Jun 7 tr 90.9 0532 EDT -- NY state temps, into BBC World Service via APR. PTA: north, WHYY off.

1992 TV:

Wed Jun 17 tr ch 64 0438 EDT -- HSC. PTA: VA,NC,DC (southwest)

Wed Jun 17 tr ch 9 0525 EDT -- Russ Mitchell and Monta Gaye...DC?

Wed Jun 17 tr ch 49 0730 EDT -- gospel show "The Spirit World", 1-800-872-1988. James Robison, Ft. Worth address. (Norfolk, VA?-mcs)

Fri Jul 3 tr ch 18 0038 EDT -- //29 including spots Phillies game.

Fri Jul 3 tr ch 12 0230 EDT -- shopping club not // 65,68, PTA further SE of WWBT-Richmond (New Bern, W-S poss.) (Yes, it is WCTI!-mcs)

Frank Aden, Jr., N7SOK, 4096 Marcia Place, Boise, ID 83704

Sun Aug 9 MS ch 2 0400 MDT -- ID slide with "CBS eye" at bottom of 2. PTA: Midwest. (1992 assumed, TV for these 3) Any idea who uses this type of logo now?

Sun Aug 9 MS ch 2 0450 MDT -- "Gunsmoke". PTA: Midwest.

Sun Aug 9 MS ch 2 0455 MDT -- ID slide with "?????" across bottom part of 2.

Robert Grant, KD8EN, 8226 Beaverland, Detroit, MI 48239

Sat Sep 5 tr ch 12 0220 EDT -- "Home Shopping Spree" (PTA: SW. WKRC?) (My TV Guide says they start running it at 0305 EDT.-mcs)

Sat Sep 5 tr ch 33 0300 EDT -- "Home Shopping Spree" (PTA: WI,MN,ND) (Both above were the "3400" service shown mainly at night by stations that have regular programming during the day, the 33 was still HSS until 0500 or later)

(1992 TV unIDs)

Alan R. Millmaker, 2714 Lake Road, Centralia, IL 62801

1992 FM:

Tue Jul 21 tr 102.1 0350 CDT -- WSBC, they mentioned they were country.

Fernando Garcia, Apartado 30, Suc. B., Cd. Guadalupe, N.L., 67181 MEXICO

1992 TV:

Sat Apr 11 tr ch 42 0913 HCM -- TBN, Odessa, Abilene and Oklahoma in.

Sat Apr 11 tr ch 4 0950 HCM -- NBC, strong Oklahoma City ch. 5. (KFOR in OKC?-mcs)

Sat Apr 11 tr ch 44 1032 HCM -- CBN, Christian Broadcasting Net, same as 2 of above.

Wed Apr 22 tr ch 13 0710 HCM -- ABC, weather for LA, south LA in. (WLOX, Biloxi, MS?-mcs)

Wed Apr 22 Es ch 3 2205 HCM -- Ad for KSNB Radio, CO

Thu Apr 30 tr ch 11 0620 HCM -- NBC, Abilene in. (Lubbock TX--KCBD?-mcs)

Sat May 16 Es ch 4 0614 HCM -- NBC, strong WPBT-2 Miami, WTVJ?

Sat May 16 Es ch 5 0615 HCM -- CBS, strong WPMI-2 Miami, WCIX?

Wed Jun 3 tr ch 45 2212 HCM -- Vertical bars all night long, Houston in.

Wed Jun 3 tr ch 22 2235 HCM -- Galavision, Houston, Corpus Christi in.

Sun Jun 14 tr ch 8 0533 HCM -- mention of Henryetta, Oklahoma. (KTUL, Tulsa maybe?-mcs)

Wed Jun 24 tr ch 55 0330 HCM -- New Inspirational Network, Houston in.

Sun Jun 28 tr ch 30 0645 HCM -- Univision, north TX in. (K30AK Austin, TX?-mcs)

Sun Jun 28 tr ch 28 0700 HCM -- Relays KNKT-44 Fox, mention of this channel.

Thu Jul 2 tr ch 23 0520 HCM -- Galavision, north TX, AR, and MO.

Mon Jul 6 tr ch 56 2120 HCM -- Louisiana Public Broadcasting, PBS.

Mon Jul 6 tr ch 34 2145 HCM -- TBN, others also with same programming 35,58,59. East TX and LA in.

Tue Jul 7 tr ch 43 0730 HCM -- Liberty Channel, Oklahoma in, KTLC? (They are the Literacy Channel, so I think that is what you had.-mcs)

Tue Jul 7 tr ch 41 0740 HCM -- CBS, Tulsa and Oklahoma City in, KTFO?

Sun Jul 12 Es ch 2 1020 HCM -- Action News 2, Tony Dorsey (sports), Wesley Woods?

Sun Aug 2 tr ch 66 0525 HCM -- Telemundo, Houston in.

CCI continues on page 39

TECHNICAL TOPICS

DECEMBER 1992: A SWITCHABLE FM IF FILTER FOR HIGH SELECTIVITY

In November, 1990's VUD my article on FM receiver mods for improved selectivity included the description of a "super-duper" filter circuit. This simple circuit cascaded five standard ceramic filters, provided correct impedance matching to the receiver, and enough amplification to overcome the losses of the filters. Since that time, several people have built this circuit with good results. The nice features of this circuit are that it is easy to build, doesn't require any special parts, and is just about foolproof. It occurred to me that it would be nice to come up with a switchable version of this circuit so that a second set of filters could be used. This second set could be the original filters that were provided by the manufacturer, or perhaps sockets for plugging in even narrower units for those especially difficult DX situations.

Here is presented a "new and improved" version of the original circuit. It allows you to switch the filter circuit into or out of the IF strip, as you desire. The circuit is intended to be connected *in place of* one of the original ceramic filters that came in your receiver. The selector switch can then be mounted anywhere on the front panel without the need for shielded cable or worry about signal loss or degradation.

In my Pioneer TX-7500, I left the original ceramic filters installed, except for the last one. This was replaced with the circuit shown below. The removed filter went into the first slot in the circuit, as shown. Then, a switch was neatly installed on the front panel and labeled "NARROW" and "WIDE." Now, whenever I want to record off-the-air or listen to high-quality programming, such as that from "Classic FM," I put the switch in WIDE and enjoy full fidelity sound. When DX'ing, the NARROW position kicks in about 25-30dB of additional adjacent channel selectivity.

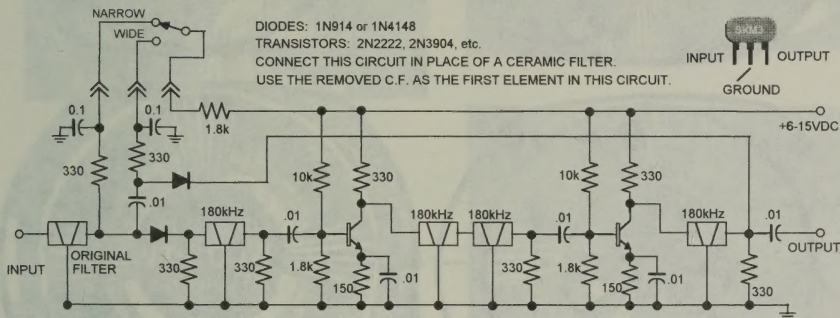


Table 1. List of Components

2 ea.	0.1µF disc capacitor	272-135	.59 x 1 =	.59
6 ea.	0.01µF disc capacitor	272-131	.49 x 3 =	1.47
8 ea.	330 ohm resistor	271-1315	.39 x 2 =	.78
3 ea.	2.2k ohm resistor	271-1325	.39 x 1 =	.39
2 ea.	10k ohm resistor	271-1335	.39 x 1 =	.39
2 ea.	150 ohm resistor	271-1312	.39 x 1 =	.39
2 ea.	1N914 diode	276-1122	.99 x 1 =	.99
2 ea.	2N2222 transistor	276-2009	.59 x 2 =	1.18
1 ea.	suitable SPDT switch	275-1555		2.49
1 ea.	small perfboard	276-149		.99
TOTAL				\$ 9.66

Table 2. Circuit Specifications

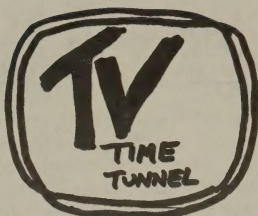
-3dB bandwidth:	92kHz
-6dB bandwidth:	120kHz
-10dB bandwidth:	150kHz
-40dB bandwidth:	254kHz
-60dB bandwidth:	~500kHz
stopband attenuation:	>65dB
diode switch isolation:	~30dB
overall circuit gain:	+6.0dB
Note: above measurements made using TOKO 180kHz filters.	

Total cost of the project is about \$10. All of the parts are available from Radio Shack. The filters will cost about one to two dollars apiece and, of course, will have to be bought by mail order unless you have some of your own already. The perfboard listed is about 47 x 72mm, which should hold the entire circuit if you assemble it roughly in the same arrangement as shown on the drawing. The switch suggested is a small toggle switch; there's no reason why an existing switch on your receiver could not be put into use for this.

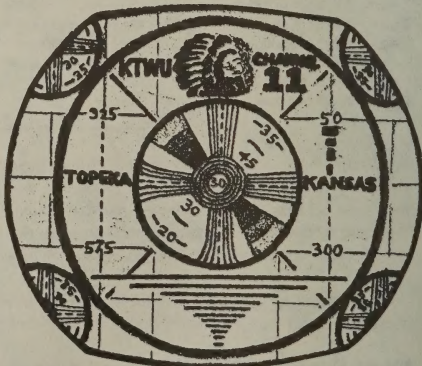
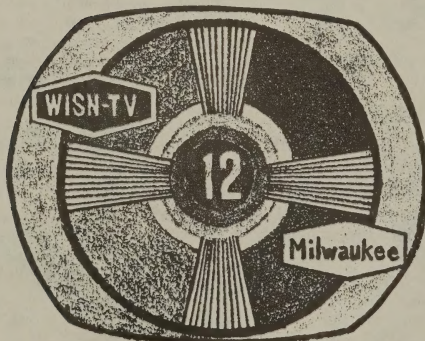
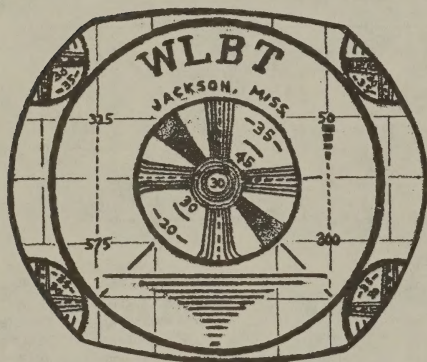
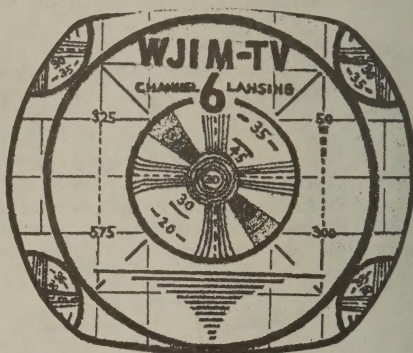
Good luck and be sure to report all those new stations you'll be receiving. Feel free to write if you have any questions, comments, problems, or difficulty finding parts.

Tim McVey, PSC45 Box 1066, APO AE 09468 [Non-US use: 17 Park Gate, Knaresborough, HG5 9DR, UK]

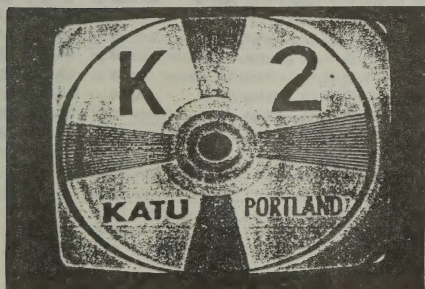
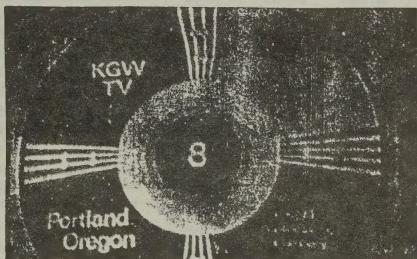
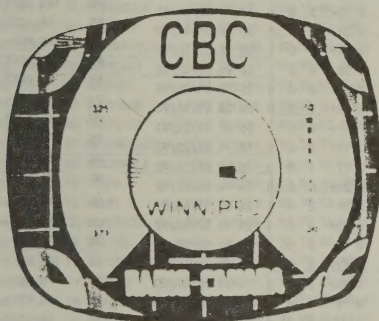
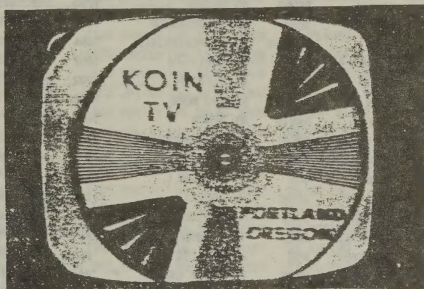
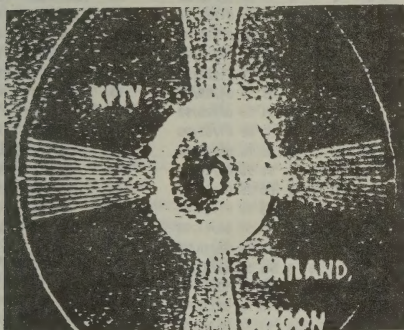
LAYOUT AND COMMENTS
BY TOM BRYANT, 849
TODD PREIS DRIVE,
NASHVILLE, TN 37221



DRAWINGS AND OFF-AIR
PHOTOS COURTESY OF
ROBERT J. WILLIAMS,
TWIN FALLS, IDAHO



IF IT'S TRUE THAT A PICTURE IS WORTH A THOUSAND WORDS, YOU HAVE JUST FINISHED A 6,000 WORD ESSAY...WITH ANOTHER 5,000 TO FOLLOW! DXING IS A DIVERSE HOBBY ENCOMPASSING MANY FIELDS OF INTEREST. SOME OF US WRITE COLUMNS, SOME SEARCH FOR TRANS-OCEANIC SIGNALS, SOME EXPERIMENT WITH ANTENNAS AND EQUIPMENT MODIFICATIONS, AND SO FORTH. THIS MONTH'S GUEST CONTRIBUTOR, ROBERT J. WILLIAMS OF TWIN FALLS, ID, HAS PAINSTAKINGLY DRAWN REPRODUCTIONS OF CIRCULAR TEST PATTERNS COMMONLY USED IN THE EARLY DAYS OF TELEVISION. AT FIRST GLANCE SOME OF THEM LOOK ALIKE, BUT TAKE A MOMENT TO SEARCH OUT THE SUBTLE DIFFERENCES THAT MADE EVEN THE FAMILIAR 'INDIAN HEAD' PATTERN DISTINCTIVE TO THE STATION THAT AIRED IT. SINCE I CAN'T DRAW A RESPECTABLE 'STICK-MAN', I'M IN AWE OF WHAT ROBERT HAS ACCOMPLISHED. ANYONE FOR AN ENCORE? I AM! (Wonder what the patterns shown below would look like if he applied his artistic magic to them.)



Tom Bryant



STATISTICS

FRED NORDQUIST
7945 BOXFORD RD
CLAY, NY 13041
DEADLINE: THE 5TH

STATES STATS
USA

UPDATED 10/ 6/92

FM SCOREBOARD

DXER NAME	DXER LOCATION		TOTAL	88-92	ES	MS	AU	USA	CN	MX	FO	TPU	YB	AS OF:	PU	#	DXER	#	DXER
DYER	PAT	TX SAN ANTONIO	2534	403	2071	67	0	44+	4	21	5	75	70	02/28/92	AL	106	KPU-	56	JEB-
STROBEL	RALPH	IN MUNCIE	2103	559	681	162	7	43+	7	2	2	55	72	10/01/92	AK	11	JJE3	0	None
MERRILL	FRANK	IL MACOMB	1963	?	804	8	8	47	8	6	2	63	?	07/19/92	AZ	49	PDY-	36	JJE2
BUNTIN	DANNY	OK STILLWATER	1957	325	1163	4	0	48+	5	9	2	65	74	09/01/92	AR	86	DOD-	61	VEA-
ELVING	BRUCE	MN DULUTH	1750	318	1375	9	8	47+	4	1	0	53	48	02/10/92	CA	380	JJE2	127	PDY-
EBELING	JOHN	MN BLOOMINGTON	1702	291	980	46	83	47+	6	5	0	59	52	01/01/92	CO	107	DAL-	70	JJE2
FELA	JOSEPH	NJ S. PLAINFIELD	1654	345	890	2	10	37+	6	0	3	47	68	07/29/92	CT	49	MBU-	42	AMI-
NORDQUIST	FRED	NY CLAY	1607	335	794	46	59	41+	5	0	3	50	69	09/12/92	DE	13	DOE-	13	JFE-
BUGAJ	MIKE	CT ENFIELD	1592	217	873	23	23	37+	5	1	2	46	74	11/21/91	FL	154	PDY-	152	DBU-
PUGH	KEITH	AL NEW HOPE	1590	238	811	44	3	43+	7	10	2	63	83	09/08/90	GA	102	KPU-	97	PDY-
NIEMAN	DAVID	NY AKRON	1460	395	451	51	27	43+	8	0	3	55	59	06/20/92	HI	0	None	0	None
CONIGLIO	GREG	NY WILLIAMSVILLE	1427	202	700	18	36	38+	8	1	2	50	85	01/02/92	ID	28	DBU-	26	PDY-
MCCORMACK	FRED	ND FARGO	1339	305	990	3	52	48+	6	3	0	58	74	08/03/90	IL	225	FME1	204	RST-
SEYBOLD	BOB	NY DUNKIRK	1326	212	611	0	2	45	8	3	3	59	58	06/24/90	IN	189	RST-	132	DBR-
EBELING	JOHN	MN PROSIT	1184	228	800	3	5	48+	9	2	0	60	75	01/01/92	IA	120	RBR-	112	FME1
JEFFERSON	JOHN	CA ANTIOCH	1179	263	688	15	1	29	4	5	0	38	74	01/21/91	KS	95	DBU-	90	TBR-
BRUMFIELD	DAVE	IN RICHMOND	897	165	325	15	0	36	4	2	2	44	81	09/01/91	KY	108	RST-	69	DBR-
SHOLAREK	BOB	NJ OLDWICK	890	149	385	2	0	36+	3	0	1	41	78	02/18/91	LA	72	RSA-	63	BEL2
HOLBROOK	HANK	MD CHEVY CHASE	* 866	224	234	18	0	35+	6	0	3	45	59	10/05/91	ME	40	RST2	30	KPU-
MICHALEK	ALAN	MA SPRINGFIELD	812	106	495	0	0	36+	5	0	0	42	52	10/01/90	MD	54	JFE-	48	GMA-
ROSS	ROBERT	ON LONDON	760	214	308	0	0	34	7	0	2	43	76	07/27/92	MA	94	RST2	77	MBU-
OETTING	DANIEL	PA EXTON	756	190	250	9	2	34+	6	0	0	41	77	06/07/91	MI	162	RST-	139	FME-
HAKK	MIKE	NE OMAHA	752	140	228	23	0	44+	2	4	0	51	91	08/24/92	MN	176	JEB-	161	JEB2
SHAFTAN	RICHARD	NJ ROCKAWAY	748	170	254	6	0	33+	4	0	1	39	78	06/29/92	MS	78	KPU-	64	TMC-
ALLEN	DOUGLAS	CO WOODLAND PARK	711	116	489	44	0	39	4	3	0	46	88	10/30/90	MO	143	FME1	95	DBU-
GREENE	GEORGE	OH AKRON	706	54	234	0	0	33+	3	0	0	37	71	03/09/91	MT	29	JJE2	25	JPI-
BRUMFIELD	DAVE	IN MUNCIE	682	149	65	1	0	29	1	1	0	31	79	03/01/90	NE	61	MHA-	52	JJE2
NIENAJADLY	BILL	NJ CLIFTON	640	103	235	8	0	34+	2	0	1	38	75	01/30/92	NV	24	PDY-	24	DBU-
HALL	D. BRUCE	ON BRANTFORD	570	103	44	67	2	39	4	0	1	38	90	06/22/92	NH	27	RST2	17	AMI-
MEADE	LARRY	IL CHICAGO	459	85	65	6	0	23	2	0	0	25	79	09/05/90	NJ	76	JFE-	69	RSN-
SITTEL	MATT	NC RALEIGH	456	66	164	0	2	23+	1	3	0	28	88	01/02/92	NM	51	JJE2	44	KPU-
NOLLMAN	BILL	CT NORWICH	453	46	155	17	0	31+	9	0	1	35	81	11/24/91	NY	215	FNO-	187	DNI-
NIEMAN	DAVID	NY ROCK CITY	420	88	10	1	0	15+	2	0	0	18	91	06/20/92	NC	117	MS11	83	PDY-
BRANDENBURG	TODD	KS SILVER LAKE	418	68	58	1	0	27	1	0	0	28	80	07/14/92	ND	34	FMC-	34	FMC2
MANCUSO	GUS	MD CHEVERLY	318	55	61	0	0	23+	0	0	0	24	70	06/07/92	OH	227	RST-	177	FME-
HEPBURN	WILLIAM	ON BRAMPTON	309	183	83	1	6	21	2	0	1	24	85	11/10/91	OK	130	DBU-	53	JJE2
RENFREW	JIM	NY ROCHESTER	282	70	51	0	0	20+	2	0	0	23	76	07/10/92	OR	31	JPI-	29	FMC2
MANCUSO	GUS	WV BIRCH RIVER	248	28	4	0	0	15	0	0	0	15	87	06/05/92	PA	169	DNI-	135	FNO-
MOUNT	PAUL	NJ MONMOUTH	195	25	20	0	0	17+	0	0	0	18	90	06/17/92	RI	14	WNO-	12	RST2
MEADE	LARRY	KY PRICE	165	35	0	14	0	10+	0	0	0	11	79	09/05/90	SC	56	PDY-	54	MS11
WHEELER	FRANK	PA ERIE	162	23	2	0	0	8	1	0	0	9	64	08/20/90	SD	40	JJE2	39	KPU-
ONYSCHUK	KEN	IL RIVERDALE	141	30	0	0	0	7	0	0	0	7	68	06/30/91	TN	110	KPU-	93	JAY-

* VERIFIED.

COLUMN DEFINITIONS: are as follows: Total = Total number of FM stations logged from DXer's location (All loggings should be received within 25 mile radius of this location to count.) Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes. 88-92 = All stations logged from 88.0 to 91.99 Mhz. Es = Total number of stations logged via E-skip. MS = Total by meteor scatter. AU = Total via Aurora. USA = Total number of states and the *+ = Washington, DC. CN = Number of Canadian provinces logged. MX = Number of Mexican states logged. FO = Number of foreign countries, but not Canada or Mexico. TPU (Total number of political units) = Sum of USA CN MX and FO. YB = The year you began DXing from this location. Other groundrules for computing log totals are included in AUGUST 88 VUD Page 48. Note: This is a complete listing entries received over the years, with a number of entries obviously outdated.

I will restore a cutoff date of entries not updated in 1988/1989 in the next listing, so please update/submit your latest stats to keep on the Scoreboard. 73 - Fred.

ALL-TIME FM DISTANCE RECORDS
FM STATISTICS AS OF 09-26-1992

FRED NORDQUIST
7945 BOXFORD RD
CLAY, NY 13041
DEADLINE: the 5th

MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC	MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC	MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC
88.10	ES	WCRP	PR GUAYAMA	2280	DBU-OK	90.70	AU	KMMU	MO ST LOUIS	850	JFE-NJ	93.70	TR	KDB	CA SANTA BARBARA	2400	SRETHI
88.10	TR	WCRP	PR GUAYAMA	1057	CDU-FL	90.90	ES	KCMW	MO WARRENSBURG	1534	JJE-CA	93.70	MS	WCCM	MA LAWRENCE	1501	RCO-OK
88.10	MS	WJMF	FL PENSACOLA	1174	DAL-CO	90.90	TR	KUN1	IA CEDAR FALLS	828	FNO-NY	93.70	AU	KMYR	SD WINNER	682	ABO-IL
88.10	AU	CBAF29	PE CHARLOTTETOWN	788	DNI-NY	90.90	MS	CBX	AT EDMONTON	1170	JJE2CA	93.90	ES	KRNA	IA IOWA CITY	1637	JJE2CA
88.30	ES	WNIN	IN EVANSVILLE	1876	JJE2CA	90.90	AU	KUN1	IA CEDAR FALLS	589	FMC-ND	93.90	TR	WBUS	FL MIAMI BEACH	1152	GHA-TX
88.30	TR	KBNR	TX BROWNSVILLE	926	CHO1FL	91.10	ES	JBC-2	JAMCOOPER'S HILL	1950	JPI-NM	93.90	MS	WMLL	FL MIAMI BEACH	1306	SCH-ON
88.30	MS	WRBH	LA NEW ORLEANS	1109	DNI-NY	91.10	TR	XETRA	BCNTIJUANA	2518	SRETHI	93.90	AU	WMLL	FL MIAMI BEACH	838	ABO-IL
88.30	AU	WAER	NY SYRACUSE	670	ABO-IL	91.10	MS	KSJN	MN ST PAUL	1123	GHA-TX	94.00	ES	XET	NL MONTERREY	1382	JEB-MN
88.40	ES	TGRT	GU GUATEMALA	1136	GHA-TX	91.10	AU	KSJN	MN ST PAUL	739	DNI-NY	94.10	ES	WOYE	PR MAYAGUEZ	2263	RBR1A
88.50	ES	WHCF	ME BANGOR	1955	PDY-TX	91.30	ES	WIPR	PR SAN JUAN	1806	CHO-OK	94.10	TR	KFSD	CA SAN DIEGO	2513	SRETHI
88.50	TR	WNMF	FL TAMPA	984	PDY-TX	91.30	TR	WTHS	FL MIAMI	1148	GHA-TX	94.10	MS	KBTO	TX BEAUMONT	1192	PSA-ON
88.50	MS	WFDW	NC WINSTON-SALEM	1161	GHA-TX	91.30	MS	CKUA	AT DRUMHELLER	1055	JJE2CA	94.10	AU	KCKN	KS KANSAS CITY	881	DNI-NY
88.50	AU	WAMU	DC WASHINGTON	932	JEB-MN	91.30	AU	WCNY	NY SYRACUSE	530	RBR-MI	94.30	ES	KVFM	CA SAN FERNANDO	1510	DMO-IA
88.70	ES	KFGG	TX CORPUS CHRISTI	2029	MCH-BC	91.50	ES	RJR	JAMORACABESSA	1950	JPI-NM	94.30	TR	WGMW	FL RIVIERA BEACH	1138	GHA-TX
88.70	TR	KUHF	TX HOUSTON	783	CHO1FL	91.50	TR	WFSU	FL TALLAHASSEE	861	PDY-TX	94.30	MS	WUUU	TN OAK RIDGE	1221	FMC-ND
88.70	MS	WHA	WI MADISON	1080	GHA-TX	91.50	MS	WMDM	WI SURING	1219	GHA-TX	94.30	AU	CFRW	MB WINNIPEG	743	RBR-MI
88.70	AU	WHA	WI MADISON	684	FMC-ND	91.50	AU	WRP1	NY TROY	512	FME-MI	94.50	ES	KELT	TX HARLINGEN	2111	MCH-BC
88.80	ES	TGRT	GU GUATEMALA	1148	PDY-TX	91.70	ES	KRSW	MN WORTHINGTON	1457	JPI-NM	94.50	TR	KELT	TX HARLINGEN	934	CHO1FL
88.90	ES	WSHA	NC RALEIGH	2069	FAD11D	91.70	TR	XNXL	NL MONTERREY	1101	CHO1FL	94.50	MS	KTSP	MN ST PAUL	1113	PDY-TX
88.90	TR	WMBW	TN CHATTANOOGA	648	BEL3NE	91.70	MS	KOSU	OK STILLWATER	870	FMC-ND	94.50	AU	WRVG	VA RICHMOND	575	RBR-MI
88.90	MS	WMBW	TN CHATTANOOGA	1122	DAL-CO	91.70	AU	KRSW	MN WORTHINGTON	861	DNI-NY	94.70	ES	KTTS	MO SPRINGFIELD	1569	JJE2CA
88.90	AU	WMBW	TN CHATTANOOGA	745	FNO-NY	91.90	ES	WSIU	IL CARBONDALE	1748	JPI-CA	94.70	TR	KAPT	TX LULING	919	CHO1FL
89.00	ES	YSR1	ES SAN SALVADOR	1246	PDY-TX	91.90	TR	KBNJ	TX CORPUS CHRISTI	903	CHO1FL	94.70	MS	KSET	TX EL PASO	1073	ABO-IL
89.10	ES	KFAE	WA RICHLAND	1620	PDY-TX	91.90	MS	WHRM	WI WAUSAU	1012	RWO-LA	94.70	AU	WPTF	NC RALEIGH	512	FME-MI
89.10	TR	WUPT	FL GAINESVILLE	978	PDY-TX	91.90	AU	WSIU	IL CARBONDALE	741	FMC2ND	94.80	ES	TGDX	GU GUATEMALA	1136	GHA-TX
89.10	MS	WBSN	LA NEW ORLEANS	1109	DNI-NY	92.00	ES	XEBJ	TAMCO VICTORIA	873	GHA2OK	94.90	ES	WINZ	FL MIAMI BEACH	1948	FMC-ND
89.10	AU	KMMU	KS WICHITA	651	RBR-MI	92.10	ES	CJAJ	AT CALGARY	1765	DNI-NY	94.90	TR	WINZ	FL MIAMI BEACH	1152	GHA-TX
89.20	ES	XEJT	TA TAMPICO	974	GHA2OK	92.10	TR	CKY	MB WINNIPEG	842	FME-MI	94.90	MS	WPHC	GA DECATUR	1342	FMC-ND
89.30	ES	WGNE	WI GREEN BAY	1812	JJE4CA	92.10	MS	WJGA	GA JACKSON	929	SGR-IA	94.90	AU	KFMG	IA DES MOINES	600	FMC-ND
89.30	TR	WPFS	FL PENSACOLA	808	RBR-MI	92.10	AU	WYXE	WI SUN PRAIRIE	260	ABO-IL	95.00	ES	ZFB	BM HAMILTON	1374	RBR-MI
89.30	MS	WKHW	WI CHILTON	1168	GHA-TX	92.15	ES	CMBC	CU HABANA	1299	GHA2OK	95.10	ES	KRDO	CO COLORADO SPGS	1555	NDI-MD
89.30	AU	WCDL	MN NORTHFIELD	712	SCH-ON	92.30	ES	WDBO	FL ORLANDO	1743	FMC-ND	95.10	TR	WJAX	FL JACKSONVILLE	1013	GHA-TX
89.40	ES	TGQ	GU QUETZALT	1168	GHA-TX	92.30	TR	KFAC	CA LOS ANGELES	2474	SRETHI	95.10	MS	WLST	WI MARINETTE	1146	RSA-TX
89.50	ES	WITF	PA HERSHEY	1451	PDY-TX	92.30	MS	WVAE	MI DETROIT	1176	DAL-CO	95.10	AU	KICT	KS WICHITA	651	RBR-MI
89.50	TR	KLUX	TX ROBSTOWN	1085	CDU-FL	92.30	AU	KLIQ	OR PORTLAND	1017	FMC-ND	95.30	ES	XHOX	TA TAMPICO	1492	MS1INC
89.50	MS	KEWU	MN PORTALES	1072	RST-IN	92.50	ES	KPOX	MT HAVRE	1541	GCO-NY	95.30	TR	WTLN	FL APOPKA	1029	GHA-TX
89.50	AU	WPKN	CT BRIDGEPORT	798	ABO-IL	92.50	TR	WFWN	FL KEY WEST	1089	PDY-TX	95.30	MS	NONE	0	-----	
89.60	ES	TGDX	GU GUATEMALA	1136	GHA-TX	92.50	MS	KAFM	TX DALLAS	1466	JJE-CA	95.30	AU	CKDS	ON HAMILTON	378	SRE-CT
89.70	ES	WUSF	FL TAMPA	2386	JJE2CA	92.50	AU	WMHE	OH TOLEDO	749	FMC2ND	95.40	TR	XNDX	TAMTAMPICO	491	GHA-TX
89.70	TR	WMCU	FL MIAMI	1155	PDY-TX	92.70	ES	WMCF	FL STUART	1503	BEL2MN	95.50	ES	WQVV	FL FT PIERCE	1619	FMC2ND
89.70	MS	KGCC	TX DENNISON	1131	LVO-VA	92.70	TR	KJ8Z	TX LAREDO	1032	CHO1FL	95.50	TR	KLOS	CA LOS ANGELES	2474	SRETHI
89.70	AU	WGBH	MA BOSTON	914	ABO-IL	92.70	MS	WDXU	WI WAUPACA	431	PSA-ON	95.50	MS	KDKC	KS DODGE CITY	1195	JJE2CA
89.90	ES	WFCT	FL JACKSONVILLE	1629	FMC-ND	92.70	AU	KBRX	ME O'NEILL	425	FMC-ND	95.50	AU	WHPD	NC HIGH POINT	604	SCH-ON
89.90	TR	KBNL	TX LAREDO	1032	CHO1FL	92.90	ES	WSCD	MN DULUTH	1644	JJE-CA	95.70	ES	WFID	PR RIO PIEDRO	1855	DNI-NY
89.90	MS	WTLR	PA STATE COLLEGE	948	MHA-NE	92.90	TR	WBLX	AL MOBILE	891	NDI-MD	95.70	TR	KXKA	AR LITTLE ROCK	1043	FNO-NY
89.90	AU	WHSX	WI BRULE	496	FMC-ND	92.90	MS	KITY	TX SAN ANTONIO	1251	CHO-OK	95.70	MS	KKAJ	OK ARDMORE	1177	DNI-NY
90.00	ES	YSU	EL SAN SALVADORE	1233	GHA-TX	92.90	AU	WVNY	VT BURLINGTON	841	ABO-IL	95.70	AU	WPTM	OH PICQUA	467	FNO-NY
90.10	ES	KPFT	TX HOUSTON	2001	MNI-BC	93.10	ES	KAMA	TX EL PASO	1818	NDI-MD	95.90	ES	KDHL	MN FARIBAULT	1561	JJE2CA
90.10	TR	KPFT	TX HOUSTON	848	JCO-FL	93.10	TR	KOGD	CA LOS ANGELES	2474	SRETHI	95.90	TR	KRSL	KS RUSSELL	664	GHA-TX
90.10	MS	WMB1	IL CHICAGO	1063	GHA-TX	93.10	MS	KBBB	SD STURGIS	1183	RWO-LA	95.90	MS	KEYE	TX PERRYTON	1016	WHE3ON
90.10	AU	KSJR	MN COLLEGEVILLE	766	SCH-ON	93.10	AU	XHAAA	TAMREYNOSA	918	JEB-MN	95.90	AU	KHDL	MN FARIBAULT	477	FMC-ND
90.30	ES	KKED	TX CORPUS CHRISTI	1598	FNO-NY	93.20	ES	XHOQ	NL MONTERREY	1385	RBR-MI	96.10	ES	KEZF	ID IDAHO FALLS	1633	MS1-TX
90.30	TR	KKED	TX CORPUS CHRISTI	903	CHO1FL	93.20	TR	XHOQ	NL MONTERREY	274	GHA-TX	96.10	TR	WK7Z	FL JACKSONVILLE	1016	PDY-TX
90.30	MS	WHLA	WI HOLMEN	1091	GHA-TX	93.30	ES	KDWZ	IA DES MOINES	1517	JJE4CA	96.10	MS	KID	ID IDAHO FALLS	1224	PDY-TX
90.30	AU	WBCL	IN FT WAYNE	704	FMC2ND	93.30	TR	WFLA	FL TAMPA	984	PDY-TX	96.10	AU	WKLS	GA ATLANTA	588	RBR-MI
90.50	ES	WMSU	TN COLLEGEVILLE	2057	JJE2CA	93.30	MS	KYKR	TX PORT ARTHUR	1195	PSA-ON	96.30	ES	WBBM	IL CHICAGO	1842	JJE2CA
90.50	TR	KWJX	MI E LANSING	931	RWO-LA	93.30	AU	WBBW	OH YOUNGSTOWN	689	JEB-MN	96.30	TR	WMJX	FL MIAMI	1155	PDY-TX
90.50	MS	KXCV	MO MARVILLE	985	FNO-NY	93.50	ES	XHPP	TAMTAMPICO	1492	MS1INC	96.30	MS	WJMY	FL MIAMI	1056	ABO-IL
90.50	AU	CBHA	NS HALIFAX	1026	FME2OH	93.50	TR	KRFQ	MO GREENFIELD	623	FME2OH	96.30	AU	WJR	MI DETROIT	541	JEB-MN
90.70	ES	KMMU	MO ST LOUIS	1675	JJE2CA	93.50	MS	WKRY	FL KEY WEST	1100	RST-IN	96.50	ES	WMDP	PR FAJARDO	1998	ABO-IL
90.70	TR	KVNO	NE OMAHA	902	DNI-NY	93.50	AU	WLH	WI NEW LONDON	339	ABO-IL	96.50	TR	KIOU	TX CORPUS CHRISTI	967	ABO-IL
90.70	MS	WXL	FL W PALM BEACH	1130	DNI-NY	93.70	ES	WJIT	PR SAN JUAN	2263	RCO-OK	96.50	MS	KXTR	MO KANSAS CITY	1254	PGE-MA

MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC	MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC	MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC
96.50	AU	WTIC	CT HARTFORD	565	FME-MI	100.10	ES	XHJT	TAMTAMPICO	1492	MS1INC	103.50	TR	KOST	CA LOS ANGELES	2474	SRE1HI
96.70	ES	CKGL	ON KITCHENER	1438	JPI-NM	100.10	TR	WEEJ	FL PORT CHARLOTTE	1019	PDY-TX	103.50	AU	KEYI	TX SAN MARCOS	1006	RST-IN
96.70	TR	KOFX	TX GEORGETOWN	929	CHO1FL	100.10	MS	CBXR	AT LETHBRIDGE	930	JJE2CA	103.70	ES	WEZS	VA RICHMOND	1494	JPI-NM
96.70	MS	NONE		0	-----	100.10	AU	WIVE	VA ASHLAND	564	RBR-MI	103.70	TR	KJQY	CA SAN DIEGO	2513	SRE1HI
96.70	AU	WJOL	IL JOLIET	347	JEB-NM	100.30	ES	KLLS	TX SAN ANTONIO	1564	FNO-NY	103.70	MS	KVIL	TX DALLAS	1274	SCH-ON
96.90	ES	CBUF3	BC TERRACE	1546	DAL-CA	100.30	TR	KTFX	TX BROWNSVILLE	926	CHO1FL	103.70	AU	KIKI	IA DAVENPORT	642	SCH-ON
96.90	TR	WINK	FL FT MYERS	1037	POY-TX	100.30	MS	KBOX	TX DALLAS	1098	FMC-ND	103.90	ES	KUOO	IA SPIRIT LAKE	1448	JJE4CA
96.90	MS	WOC2	KY LEXINGTON	1113	DAL-CA	100.30	AU	WZMN	IL ALTON	712	SCH-ON	103.90	TR	WBBY	OH WESTERVILLE	817	DBU-ON
96.90	AU	WFPG	NJ ATLANTIC CITY	705	STO-IN	100.50	ES	WCEN	VA NORFOLK	1560	JPI-NM	103.90	MS	CISN	AT EDMONTON	1148	JJE4CA
97.10	ES	WFOF	GA GAINESVILLE	2040	JJE2CA	100.50	TR	WEAI	IL JACKSONVILLE	811	FMC-ND	103.90	AU	KXJX	AR LITTLE ROCK	952	GCO-WY
97.10	TR	KLSX	CA LOS ANGELES	2474	SRE1HI	100.50	MS	WKEE	WV HUNTINGTON	856	GHA2OK	104.10	ES	KRBE	TX HOUSTON	1506	JPI1CA
97.10	MS	KWEH	AR CAMDEN	1076	SCH-ON	100.50	AU	WMMI	IN KOKOMO	692	FMC2ND	104.10	TR	KBOX	CA LAMPOC	2363	SRE1HI
97.10	AU	WCOW	MI SPARTA	591	FMC-ND	100.70	ES	WDAA	FL TAMPA	1743	FMC-ND	104.10	MS	KJJQ	MN ST LOUIS PARK	1107	PDY-TX
97.30	ES	KLCE	IL BLACKFOOT	1982	CHO1FL	100.70	TR	KHAY	CA VENTURA	2420	SRE1HI	104.10	AU	WKYI	IN EVANSVILLE	559	JEB-NM
97.30	TR	KEEZ	TX SAN ANTONIO	1103	RBR-MI	100.70	MS	WMBJ	FL FT LAUDERDALE	1260	GHA2OK	104.30	ES	WKTC	NC TARBORO	1485	JPI-NM
97.30	MS	KBUF	KS GARDEN CITY	1240	SCH-ON	100.70	AU	KGBI	NE OMAHA	554	FMC-ND	104.30	TR	KBIG	CA LOS ANGELES	2474	SRE1HI
97.30	AU	KDMI	IA DES MOINES	782	SCH-ON	100.90	ES	KSRT	CA TRACY	1442	GHA-TX	104.30	MS	WOMC	MI DETROIT	983	FMC-ND
97.50	ES	KINT	TX EL PASO	1670	RSE-NY	100.90	TR	KEPG	TX VICTORIA	877	CHO1FL	104.30	AU	WOMC	MI DETROIT	745	FMC2ND
97.50	TR	WPCV	FL WINTERHAVEN	1027	POY-TX	100.90	MS	NONE		0	-----	104.50	ES	WEAT	FL W PALM BEACH	1895	FMC-ND
97.50	MS	KINT	TX EL PASO	1160	ABO-IL	100.90	AU	KOAD	MN LUVERNE	406	FMC-ND	104.50	TR	XELTN	BCNTIJUANA	2518	SRE1HI
97.50	AU	WAMS	MS OXFORD	834	GCO-NY	101.10	ES	CFMI	BC WESTMINSTER	1827	RBR-MI	104.50	MS	KEXL	TX SAN ANTONIO	1103	RBR-MI
97.70	ES	CBUF	BC VANCOUVER	1526	JPI-NM	101.10	TR	KRTX	CA LOS ANGELES	2474	SRE1HI	104.50	AU	WVST	OH WOOSTER	639	JEB-NM
97.70	TR	KDUV	TX KINGSVILLE	933	CHO1FL	101.10	MS	KCKK	UT KANAB	1482	RST-IN	104.70	ES	WRBQ	FL TAMPA	2290	JPI1CA
97.70	MS	WVOP	GA VIDALIA	829	FNO-NY	101.10	AU	WMZU	MO CARROLLTON	843	SCH-ON	104.70	TR	WRBQ	FL TAMPA	979	PDY-TX
97.70	AU	CHOM	PQ MONTREAL	686	RSE-NY	101.30	ES	WVHR	VA HAMPTON	1492	FMC-ND	104.70	MS	KIOV	SD SIOUX FALLS	898	SCH-ON
97.90	ES	XETIA	JALGUADALAJARA	2066	RSE-NY	101.30	TR	KNCN	TX SINTON	819	CHO1FL	104.70	AU	KIOV	SD SIOUX FALLS	524	ABO-IL
97.90	TR	WJNO	FL PALM BEACH	1142	GHA-TX	101.30	MS	KNCB	MN RICHFIELD	716	SCH-ON	104.90	ES	KYUF	TX UVALDE	1404	JJE4CA
97.90	MS	WRMF	FL PALM BEACH	1130	FME1IL	101.30	AU	WEZO	NY ROCHESTER	1202	FMC-ND	104.90	TR	KIBL	TX BEEVILLE	923	CHO1FL
97.90	AU	WSIX	TX NASHVILLE	726	SCH-ON	101.50	ES	WKES	FL ST PETERSBURG	1533	FMC2ND	104.90	MS	KTCH	NE WAYNE	943	DNI-NY
98.10	ES	WTOF	OH CANTON	2050	FAD-OR	101.50	TR	KGB	CA SAN DIEGO	2513	SRE1HI	104.90	AU	WFXO	MS IUKA	760	GCO-NY
98.10	TR	KRRG	TX LAREDO	1197	CDU-FL	101.50	MS	WIBA	WI MADISON	578	SME-PA	105.10	ES	KEAN	TX ABILENE	1499	WHE4ON
98.10	MS	WDFM	OH ALLIANCE	1275	DAL-CA	101.50	AU	WBIA	GA MARIETTA	753	RBR-MI	105.10	TR	KKGO	CA LOS ANGELES	2474	SRE1HI
98.10	AU	KUDL	MO KANSAS CITY	549	FMC2ND	101.70	ES	KTLQ	OK TAHLEQUAH	1435	JPI1CA	105.10	MS	WYOR	FL CORAL GABLES	1147	RSA-TX
98.30	ES	CFLY	ON KINGSTON	1646	JPI-NM	101.70	TR	KSOX	TX RAYMONDSVILLE	936	CHO1FL	105.10	AU	WSOM	OH SALEM	685	JEB-NM
98.30	TR	KXTO	TX ODEM	913	CHO1FL	101.70	MS	NONE		0	-----	105.30	ES	KSNG	TX SEGUIN	1486	JJE4CA
98.30	MS	WLGN	FL GOULDS	1215	DHA-ON	101.70	AU	WILS	MI LANSING	291	FMC-ND	105.30	TR	KCBQ	CA SAN DIEGO	2513	SRE1HI
98.30	AU	KCLC	ON KINGSTON	684	ABO-IL	101.90	ES	WEDB	MA FALMOUTH	1576	FMC-ND	105.30	MS	WLTS	LA SLIDELL	1166	FNO-NY
98.50	ES	KPAC	TX PORT ARTHUR	1650	RWO2AT	101.90	TR	KCBG	CA GLENDALE	2474	SRE1HI	105.30	AU	WDAS	PA PHILADELPHIA	611	RBR-MI
98.50	TR	KLAZ	AR LITTLE ROCK	1176	MBU-CT	101.90	MS	KQKT	TX SAN ANTONIO	1050	RST-IN	105.50	ES	WRAR	VA TAPPANHANNOCK	1430	FMC-ND
98.50	MS	WTFM	TN KINGSFORD	1207	JPI-NM	101.90	AU	WRIX	WI WAUSAU	603	FMC-ND	105.50	TR	KITM	TX MISSION	1155	CDU-FL
98.50	AU	WSB	GA ATLANTA	588	RSA-TX	102.10	ES	KLYX	TX HOUSTON	1506	JPI1CA	105.50	MS	WSMT	TN SPARTA	739	JEB-NM
98.60	ES	TGHR	GU GUATEMALA	1503	JPI-NM	102.10	TR	KLYX	TX HOUSTON	986	RBR-MI	105.50	AU	WXEZ	OH SYLVANIA	280	ABO-IL
98.70	ES	KMGO	IA CENTERVILLE	1568	JJE2CA	102.10	MS	KWES	TX MONAHAN	1175	JJE2CA	105.70	ES	CBU	BC VANCOUVER	1526	JPI-NM
98.70	TR	WHOP	KY HOPKINSVILLE	725	BEL2MN	102.10	AU	KFWD	TX FT WORTH	692	ABO-IL	105.70	TR	KSTV	TX STEPHENVILLE	981	CHO1FL
98.70	MS	KMHL	TX AMARILLO	1126	JJE4CA	102.30	ES	WPMT	NC ROANOKE RAPIDS	1479	JPI-NM	105.70	MS	KHCB	TX HOUSTON	1065	JEB-NM
98.70	AU	WBFG	MI DETROIT	536	MBU-CT	102.30	TR	KBTC	TX ALICE	944	CHO1FL	105.70	AU	KHCB	TX HOUSTON	1065	JEB-NM
98.90	ES	WHFM	NY ROCHESTER	1504	PDY-TX	102.30	MS	NONE		0	-----	105.90	ES	XHGU	CH JUAREZ	1826	FME2ON
98.90	TR	WBGH	FL TALLAHASSEE	861	PDY-TX	102.30	AU	WMSR	VT ST ALBANS	666	RBR-MI	105.90	TR	WAXY	FL FT LAUDERDALE	1146	GHA-TX
98.90	MS	CIZL	SA REGINA	1173	RST-IN	102.50	ES	WTSP	FL ST PETERSBURG	1414	BEL2MN	105.90	MS	KOZZ	NV RENO	1407	JEB-NM
98.90	AU	WSPA	SC SPARTANBURG	552	RBR-MI	102.50	TR	KSNJ	CA SANTA MARIA	2361	SRE1HI	105.90	AU	KBPI	CO DENVER	696	JEB-NM
99.10	ES	KEEZ	MN MANKATO	1523	JJE2CA	102.50	MS	KOAI	MN WILLMAR	801	SCH-ON	106.10	ES	WKGO	MN CUMBERLAND	1445	JPI-NM
99.10	TR	KDDA	TX HOUSTON	1104	CHO-ON	102.50	AU	WBYN	NY BUFFALO	730	JEB-NM	106.10	TR	KOAI	TX DENTON	960	CHO1FL
99.10	MS	WQBK	FL JACKSONVILLE	1187	JES-MH	102.70	ES	KIKX	CO MANITOU SPRING	1476	CHO1FL	106.10	MS	KLOO	OR CORVALLIS	459	JJE-CA
99.10	AU	KBYM	ID IDAHO FALLS	608	FMC-ND	102.70	TR	KIIS	CA LOS ANGELES	2474	SRE1HI	106.10	AU	KDNT	TX DENTON	661	ABO-IL
99.30	ES	CFBX	BC VANCOUVER	1526	JPI-NM	102.70	MS	KCYA	WA RICHLAND	1018	GHA-TX	106.20	ES	SVSB	BN HAMILTON	1056	DNI-NY
99.30	TR	WEZY	FL COCOA	1078	GHA-TX	102.70	AU	KORD	WA RICHLAND	850	FMC-ND	106.30	ES	KYOO	MO BOLIVAR	1525	JJE2CA
99.30	MS	WEDR	FL MIAMI	1200	DHA-ON	102.90	ES	WCCO	MN MINNEAPOLIS	1571	JJE2CA	106.30	TR	WNDY	IL CRAWFORDSVILLE	534	BEL2MN
99.30	AU	WAEW	TN CROSSVILLE	298	ABO-IL	102.90	TR	KQKE	TX HOUSTON	1104	CHO-ON	106.30	MS	KPAN	TX HEREFORD	1103	JJE2CA
99.50	ES	WOMG	GA DOUGLAS	2260	JJE2CA	102.90	MS	KNGC	TX DALLAS	1274	SCH-ON	106.30	AU	KVMO	WY CHEYENNE	969	RBR-MI
99.50	TR	WQYK	FL ST PETERSBURG	978	PDY-TX	102.90	AU	WBCS	WI MILWAUKEE	473	SCH-ON	106.50	ES	WSFL	NC BRIDGETON	1552	FMC-ND
99.50	MS	WGAY	DE WASHINGTON	1382	FMC-ND	103.10	ES	CFMK	ON COBURG	1433	DAL-CA	106.50	TR	KKLQ	CA SAN DIEGO	2513	SRE1HI
99.50	AU	WKDQ	KY HENDERSON	567	JEB-NM	103.10	TR	KCTO	LA COLUMBUS	556	ABO-IL	106.50	MS	WQLR	MI KALAMAZOO	1048	DAL-CA
99.70	ES	XHPL	COACUIDAD ACUNA	1861	FMC-ND	103.10	MS	NONE		0	-----	106.50	AU	WDLB	WY MARSHFIELD	591	FMC-ND
99.70	TR	WMC	TN MEMPHIS	928	NBO-NY	103.10	AU	KJAM	SD MADISON	360	FMC-ND	106.70	ES	WYAY	GA GAINESVILLE	2040	JJE2CA
99.70	MS	WJMI	MI JACKSON	1177	MBU-CT	103.30	ES	KKQV	TX WICHITA FALLS	1508	WMO-CT	106.70	TR	KROQ	CA PASADENA	2481	SRE1HI
99.70	AU	WMC	TN MEMPHIS	591	FME-MI	103.30	TR	KEEE	TX NACOGDOCHES	982	CHO-ON	106.70	MS	WMAW	MI DETROIT	891	GHA2OK
99.90	ES	KTSM	TX EL PASO	1670	RSE-NY	103.30	MS	KHTO	TX WICHITA FALLS	1346	JJE-CA	106.70	AU	KAZY	CO DENVER	696	JEB-NM
99.90	TR	KROB	TX ROBSTOWN	1175	RBR-MI	103.30	AU	WVEE	GA ATLANTA	548	FME2ON	106.90	ES	KNRP	TX CONROE	1488	JPI1CA
99.90	MS	KTOM	NM CLOVIS	1069	JJE2CA	103.50	ES	KYSM	MN MANKATO	1523	JJE2ON	106.90	TR	XHPJ	NL MONTERREY	1101	CHO1FL
99.90	AU	KFAB	NE OMAHA	554	FMC-ND	103.50	TR	WSHE	FL FT LAUDERDALE	1146	GHA-TX	106.90	MS	WKXX	AL BIRMINGHAM	956	JPI-NM

FM STATISTICS

ALL-TIME FM DISTANCE RECORDS

MHZ	PR	CALL	STATE/LOCATION	DIST	DXER-LOC
106.90	AU	WSWT	IL PEORIA	557	FMC2ND
107.10	ES	CIBM	PQ RIVIERE DU LOU1884	DAL-CO	
107.10	TR	KFLZ	TX BISHOP	928	CHOTFL
107.10	MS	KDUZ	MN HUTCHINSON	620	GHA2OK
107.10	AU	NONE	0	-----	
107.30	ES	WJBA	FL ST PETERSBURG	1707	FMC2ND
107.30	TR	KOSZ	CA GROVER CITY	2365	SRE1HI
107.30	MS	WJBA	FL ST PETERSBURG	1091	PSA-ON
107.30	AU	WEOL	OH ELYRIA	613	JEB-MN
107.50	ES	WBYO	PA BOYERTOWN	1505	GHA-TX
107.50	TR	KLVE	CA LOS ANGELES	2474	SRE1HI
107.50	MS	KNDK	TX FT WORTH	1298	SCH-ON
107.50	AU	KPPL	CO LAKELAND	699	JEB-MN
107.70	ES	WGNA	NY ALBANY	1660	PDY-TX
107.70	TR	WNCT	NC GREENVILLE	839	RLE-LA
107.70	MS	KWIC	TX BEAUMONT	1192	PSA-ON
107.70	AU	KKSS	MO ST LOUIS	661	FMC2ND
107.90	ES	WFSI	MD ANNAPOLIS	1423	PDY-TX
107.90	TR	KWVE	CA SAN CLEMENTE	2499	SRE1HI
107.90	MS	KVLY	TX EDINBURG	1062	ABO-IL
107.90	AU	WAUR	IL AURORA	824	MBU-CT

CANADA/MEXICO/FOREIGN STATS

PU	#	-DXER	#	-DXER	PU	#	-DXER	#	-DXER	PU	#	-DXER	#	-DXER
CANADA					MEXICO (CONT)					MEXICO (CONT)				
AB	29	JJE2	28	JEB2	CHI	9	FME1	6	FMC-	SLP	2	TMC-	0	None
BC	20	JJE2	11	JEB2	CHP	3	PDY-	0	None	SON	5	PDY-	3	JJE2
MB	15	FMC-	13	FMC2	COA	8	FME1	6	PDY-	TAB	2	TMC-	2	PDY-
NB	11	FME1	6	RST-	DF	21	TMC-	21	JPI-	TAM	8	PDY-	6	KPU-
NF	13	FNO-	12	DWI-	DUR	1	PDY-	0	None	VCZ	9	JPI-	6	KPU-
NS	15	FME1	9	KPU-	GRO	5	PDY-	1	JPI-	YUC	2	JPI-	2	PDY-
ON	121	DWI-	108	GCO-	GTO	9	JPI-	2	TMC-					
PEI	2	JFE-	2	RST-	HGO	1	JPI-	0	None	FOREIGN				
PQ	28	FME1	28	DWI-	JAL	12	TMC-	10	PDY-	CUBA	6	RST-	5	FME1
SK	12	FME1	9	JJE2	MEX	3	JPI-	3	PDY-	BELIZ	3	PDY-	1	JPI-
NWT	1	WHE2	1	JEB2	MIC	3	JPI-	1	PDY-	BERMU	3	DNI-	2	FNO-
					MOR	5	PDY-	3	JPI-	EL SA	8	PDY-	1	KSI-
MEXICO					NL	16	PDY-	14	KPU-	GUATE	15	PDY-	4	KSI-
AGU	1	JPI-	0	None	OAX	1	JPI-	1	PDY-	HONDU	2	KSI-	2	PDY-
BCN	14	PDY-	10	FMC-	NAY	1	PDY-	0	None	JAMAI	14	KPU-	3	JPI-
BCS	1	PDY-	0	None	PUE	5	PDY-	4	TMC-	PUERT	4	KSI-	1	DNI-
CAM	1	JPI-	0	None	SIN	2	JJE2	1	DBU-	D.REP	1	KSI-	0	None
										BAHAM	1	FNO-	1	WNO-

ABOVE STATS REPRESENT MOST NO. OF STATIONS FOR EACH POLITICAL UNIT (PU) LOGGED FROM A SINGLE SPECIFIED DXER'S LOCATION.
FIRST AND SECOND PLACE DXERS ARE LISTED ONLY. OTHERS THAT ARE TIED FOR SECOND ARE NOT LISTED....F.U.N.

KEY TO DXERS INITIALS/LOCATION/GRID COORDINATES

		LAT	LONG			LAT	LONG
INIT	DXER NAME	DXER LOCATION	DEG MIN DEG MIN	INIT	DXER NAME	DXER LOCATION	DEG MIN DEG MIN
ABO-	ANDY BOLIN	IL CHARLESTON	39 10 88 10	JPI-	JIM PIZZI	NM LOVINGTON	32 57 103 21
BEL1	BRUCE ELVING	NE KEARNEY	40 42 99 5	JPI11	JIM PIZZI	CA ORCUTT	34 57 120 26
BEL2	BRUCE ELVING	MN DULUTH	46 47 92 6	KPU-	MIKE BUGAJ	AL NEW HOPE	34 32 86 24
CDU-	CHRIS DUNNE	FL PEMBROKE PINES	25 59 80 11	LME-	LARRY MEADE	IL CHICAGO	41 53 87 38
CHO-	CARLON HOWINGTON	OH UNIONTOWN	40 59 81 25	LVO-	LARRY VOGT	VA SPRINGFIELD	38 45 77 13
CH01	CARLON HOWINGTON	FL ST PETERSBURG	27 46 82 38	MBU-	MIKE BUGAJ	CT ENFIELD	41 58 72 36
DAL-	DOUG ALLEN	CO WOODLAND PARK	39 0 105 3	MCH-	MIKE CHERRY	BC GANGES	48 51 123 30
DBR-	DAVE BRUMFIELD	IN MUNCIE	40 11 85 23	MHA-	MIKE HAWK	NE OMAHA	41 13 96 3
DBU-	DANNY BUNTIN	OK STILLWATER	36 7 97 4	MNI-	MATTI NITT	BC VANCOUVER	49 16 123 7
DHA-	D. BRUCE HALL	ON BRANTFORD	43 7 80 17	MSI-	MATT SITTEL	TN KINGSFORD	36 32 82 33
DMD-	DENNIS MOE	IA ANSGAR	43 23 92 55	MS11	MATT SITTEL	NC RALEIGH	35 47 78 39
DNI-	DAVID NIEMAN	NY AKRON	42 58 78 32	NDI-	NEIL DICKERSON	MD SHARPTOWN	38 26 75 38
DOD-	DAVID ODELL	AR LITTLE ROCK	43 16 96 15	PDY-	PAT DYER	TX SAN ANTONIO	29 28 98 36
DOE-	DANIEL OETTING	PA BROOMALL	39 59 75 22	PGE-	PETER GEORGE	MA BROCKTON	42 5 71 1
FAD-	FRANK ADEN	OR BEND	44 3 121 19	PSA-	PETER SAWATZKY	ON WATERLOO	43 28 80 31
FAD1	FRANK ADEN	ID BOISE	43 37 116 13	RBR-	RUSS BROWN	MI ST JOSEPH	42 6 86 29
FMC-	FRED MCCORMACK	ND DES LACS	48 17 101 25	RBR1	ROGER BROWN	IA AMES	42 2 93 7
FMC2	FRED MCCORMACK	ND FARGO	46 52 96 48	RCO-	ROBERT COOPER	OK OKLAHOMA CITY	35 28 97 32
FME-	FRANK MERRILL	MI MILAN	42 5 83 40	RLE-	RON LEBLANC	LA MARRERO	29 54 90 7
FME1	FRANK MERRILL	IL MACOMB	40 27 90 40	RSA-	RICK SAMFORD	TX BURNETT	30 46 98 14
FME2	FRANK MERRILL	OH TOLEDO	41 39 83 32	RSE-	ROBERT SEYBOLD	NY DUNKIRK	42 29 79 20
FNO-	FRED NORRQUIST	NY CLAY	43 8 76 8	RSB-	BOB SMOLAREK	NJ WHITEHOUSE STATION	40 37 74 46
GCO-	GREG COMIGLIO	NY WILLIAMSVILLE	42 59 78 41	RST-	RALPH STROBEL	IN MUNCIE	40 11 85 23
GHA-	GLENN HAUSER	TX VON ORMY	29 18 98 31	RST2	R. STEINBERGER	MA HUDSON	42 24 71 35
GHA2	GLENN HAUSER	OK ENID	36 19 97 48	RWO-	RICHARD WOOD	LA BATON ROUGE	30 23 91 11
GMA-	GUS MANCUSO	MD CHEREVLY	38 55 76 55	RWO2	RICHARD WOOD	AT MEDICINE HAT	50 3 110 40
GMA1	GUS MANCUSO	WV BIRCH RIVER	38 30 80 47	SCH-	SAUL CHERNOS	ON BURNT RIVER	44 39 78 42
JAY-	JIM AYERS	TN MURFREESBORO	35 51 86 23	SGR-	STU GRADE	IA SIOUX CITY	42 30 96 23
JCO-	JOHN COMBS	FL ORLANDO	28 32 81 23	SRE-	SHELBY REMINGTON	CT NEW HAVEN	41 18 72 56
JEB-	JOHN EBELING	MN BLOOMINGTON	44 50 93 19	SRE1	SHELDON REMINGTON	HI UPPER KAPOHO	19 29 154 53
JEB2	JOHN EBELING	MN PROSIT	47 0 92 37	STO-	STEVE TOAFFE	IN VINCENTES	38 41 87 32
JFE-	JOSEPH FELA	NJ S PLAINFIELD	40 35 74 25	SWE-	STEVE WEST	PA HAVERTOWN	39 59 75 18
JJE-	JOHN JEFFERSON	CA CONCORD	37 59 122 2	TBR-	TODD BRANDENBURG	KS SILVER LAKE	39 6 95 52
JJE2	JOHN JEFFERSON	CA PLEASANTON	37 40 121 53	TMC-	TIM MCVEY	TN BOLIVAR	35 16 88 59
JJE3	JOHN JEFFERSON	AK ANCHORAGE	61 13 149 53	VEA-	VERNON EATON	AR BENTON	34 34 92 35
JJE4	JOHN JEFFERSON	CA ANTIOCH	37 59 121 48	WHE2	WM HEPBURN	NT CORAL HARBOR	64 8 83 10
				WHE3	WM HEPBURN	ON THUNDER BAY	48 23 89 15
				WHE4	WM HEPBURN	ON KINGSTON TWP	44 14 76 30
				WNO-	BILL NOLLMAN	CT BOZRAH	41 20 72 36



FM NEWS

Bruce F. Elving, Ph.D., %
FMedia! Newsletter
PO Box 336
Esko MN 55733-0336

Readers' Reports and a Look Backward

As I wind up this column after 20 years, I've pulled out the first offset editions of the VUD—those of May and June, 1972. In the May issue Fred McCormack solved the mystery of where Mandaree ND is (home of 10-watt KRSS *88.1), and Al Ellis says CKFM 99.9 Toronto gets out well with its new tower. In Milwaukee where I lived, WMVM 95.7 was applying for the WZUU-FM call letters; and the owner of WQFM 93.3, Hugo Koeth, Jr., committed suicide. Contributors included Les Prus, Manhattan KS, Andy Bolin (who says KADI 96.5 St. Louis with its new tower doesn't get out much better than before), and Alan Pockford, announcer at WONO, who died a few years after that. Mike Dörner was reporting FM news from LA as he does today.

From June, 1972: Waldo Bishop was hearing the new WJCT *89.9 Jacksonville FL, and Bruce Rummel, Fleetwood PA, said WIBQ-FM 98.7 Utica NY was not yet on the air. Alex Bowab, a DXer, owned WKXI 94.7 Jackson MS, and he welcomed reception reports. WQXI 100.7 Baton Rouge LA was being transferred to the same people who own WLCS AM, according to Dr. Richard Wood. That reminded me that there had been a WLCS-FM in 1953 on 101.1 there; I have a verification of that reception.

WRCN 103.9 Riverhead NY is strong in eastern CT, according to DXer Mike Collins. WAOV-FM 96.7 Vincennes IN is only stereo on Christmas Eve each year, according to Andy Bolin, Charleston IL. I was interested in stations having stereo or not in those days (just like now!) and asked if WBLS 107.5 New York had stereo. I must have found out later that it does. I am offering my entire collection of offset VUDs from May, 1972 to date, at \$15 a year; 1972 has only eight issues, but is rare, so the same price applies! It would be good to keep these, but I can't save everything. If the issues you want are sold, I reserve the right to substitute something else of equal value—no refunds.

Now to more contemporary news—Thanks to Bill Fahler and others for mentioning the new format change to p at WIBF-FM 103.9 Jenkintown PA. That station has just embraced stereo, after nearly two decades as a monophonic sufferer.

"Sorry to see you're dropping your column for WTFDA, but I can see how it could be a pain, in addition to FMedia!" writes Rod O'Connor, who sent some SCS news from Seattle. He mentions that KWQJ 92.9 Anchorage AK is still not DX ready. Phil Boersma: "I'm glad to read that you plan on continuing FMedia! indefinitely. FMedia! is now my sole source of radio news: I can't afford the 'M Street Journal', have no access to 'Broadcasting', and dropped out of NRC due to lack of interest in AM DXing."

Len Kruse sent word that KBBM 99.5 Winterset IA, with its news format and lack of a stereo generator, utilizes the studio of KCCI (TV) Des Moines free in exchange for on-air promos. It's DX ready 24 hours a day, and next door on the monophonic FM dial as you

drive west of Des Moines to 99.3 KFCQ-FM Boone. Dubuque's KDFX 102.3 still op format but now satellite, SMN.

Buying some of my old "FM Atlas" editions is Jeannette Johnson, who says, "The 2nd edition was already a huge improvement over the FM Station Atlas (1971)! I especially like 'How to Compute FM Coverages' on p. 79. Glad to have No. 5, 11 and 12; will keep trying for the other editions. . . Of course, I'll renew FMedia! . . . You really should raise the cheapo rate to at least \$35; it's worth it, and you must spend an awful lot of time on it." [The 2nd edition 1973 "FM Atlas" is \$2.50 and 11th edition 1988 is \$9.95; add \$1.05 shipping per order.]

Notorious NY radio personality Howard Stern is getting lots of media attention, if clippings on Niinaady sent are any indication. He's being fined \$105,000 for offending DXers in Los Angeles [fine leveled against KLSX 97.1, but really it is against Howard himself], and \$2000 fines against a flock of other FM stations. My concern—do the stations carrying the seemingly endless hours of Stern show consideration to their audiences by turning off their stereo generators during such monophonic programming? Pressure by homosexual groups forced WRKS 98.7 and WBLS [now assuredly in stereo; having changed from WLIB-FM in the early '70s] to take a controversial tune "Boom Bye Bye" by Biju Banton off the air.

Another station which is strictly monophonic is KBSX *91.5 Boise ID, which Frank Adens pegs as news/talk, while KQXR 100.3 Payette is on that frequency, having migrated from 100.1 and 98.4 kw, but creatively rounding it to "100 kw," with "Power 100" and ID with Ontario OR-Boise.

"I'm pleased that—assuming one of them has to go—it's FCC-FM rather than FMedia!" says Nick Lombardi. "Your decision does surprise me, however, because until very recently, the general tone of your comments in FMedia! strongly hinted it wouldn't be around much longer. . . I wonder what can be done about the many reporters to FCC-FM who don't subscribe to FMedia!; if they no longer see their reports in print, they will probably stop reporting, and without their timely, frequent input, much valuable station news will never reach you."

Alan Millmaker confirmed the Stereo Status of WBNV 104.5 Carriers Mills IL, and he kindly updated on the SC status of several MO stations, including KTJJ 98.5 Farmington MO having +B, 67, with "Talk Net."

WCVS moves from 1450 AM to 96.7 formerly WRVI Virden IL; 1450 AM now a simulcast of WFMB-FM 104.5, writes Ken Onyschuk with his 2 cents' worth (postage). "How about this revenue making idea? The WTFDA DX Audio Service with the monthly bulletin on tape for blind DXers. Some blind DXers on the NRC service are requesting FM news on tape. Perhaps I'll try it myself and send you a tape with FM-TV news. I'm unemployed now; have a lot of energy." And for a person who is frugal with postage like you are, Ken,

you'll be pleased to know you can send tapes out free to blind people. I use this stamper:

**FREE MATTER FOR THE BLIND
AND PHYS. HANDICAPPED
POSTAL MANUAL PART 138**

[WONO, mentioned on the preceding page, was 107.9 in Syracuse NY.]

Andy Bolin speaks of his phasing unit, saying "I do not recommend using a directional coupler; at least I never had any luck with it." He mentions that there could be delays in sending out phasers, since his house has been hit by a falling-down tree—right through the roof! "Loads of damage, and a new roof is needed. This is going to force me to temporarily remove one of my antennas while the house has the new roof put on. So, if I build more boxes I won't have a way of testing them and I really don't want to ship any units that are only tested on test equipment. . . But the house is a mess; the roof leaks and maybe you know how it is." I hope Andy gets his roof fixed by the time you read this; and that he gets back into top-notch DX form with his antennas. In the meantime, consider writing for Andy's five-page sheet explaining antenna phasing and FM and TV DX'ing. His phaser has increased in price to \$145 from Andy Bolin, 709 Lincoln Ave., Charleston IL 61920. His units are offered on a two-week trial basis; models are for TV channels 2-6, FM or TV channels 7-13.

At the NRConvention in Omaha I met several blind DXers, and sold each of them a modified radio or SCS installation. I would like to sell you, dear reader, a subscription to my newsletter, F³edia! Subscribing price for DXers is \$25 a year, but you can try six months for only \$12, or a sample copy for \$3. The current F³edia Atlas is the 14th edition, \$12 with postage, and this book should begood through the first few months of 1993, at least. If you have found this column in the VUD of benefit, consider my F³edia! newsletter, which comes out in a larger type and page format (one that is easier to see), or if you don't subscribe—drop in from time to time with station news which will help to make the next "FM Atlas" more up to date. And look below for "See Also." Thanks to Bill Thompson and the rest of the WTFDA family for

encouraging me in various publishing endeavors related to DXing. I appreciate the support of everybody who has ever been a contributor in the over 20 years that this column has been around; I have no recommendation concerning a successor.

New FM Station, Translator Grants

Translators have less than 100 watts unless indicated otherwise

AL Enterprise W213AI *90.5 (WAFR 88.3 Tupelo MS translator)
AL Trinity W234AD 94.7 (WKDF 103.3 Nashville TN)
AZ Bagdad K242AC *96.3 (KJZZ 91.5 Phoenix)
K247AC 97.3 (KNIX 102.5 Phoenix)
K262AA 100.3 (KVRV 104.7 Mesa) [Rathje]
AZ Prescott Valley 98.3 880 h.v.; 770 m, Mic/
AR El Dorado K220DW *91.9 (WAFR 88.3 Tupelo MS), 250 w
AR Pine Bluff *89.7 6000 h.v.; 87 m, U. of AR
CA Redding *88.9 1300 h.v.; 457 m, CA State U—Chico (see also "Deletions")
CA Sausalito KDBK-2 98.9 150-w booster of S.F. station [90.3 Grand Junction]
CO Glenwood Springs K298AC *107.7 (KJOL/CO Whitewater (Grand Junction) K248AC 97.5 (KURA 105.7 Dury, now g. relaying KJOL)
DE Christiana (Wilmington) *89.1 1 w, 1200 w, 20 m, g. World Revivals, Inc. [College FL St. Augustine *88.5 6000h.v.; 43 m, Flagler/IL Oglesby (La Salle) 102.1 1350 h.v.; 147 m, Doris A. Studstill [102.9 Crowley]
LA Alexandria W300AF 107.9 (KAJN/MI Lansing *89.7 100 watts h.v.; 30 m, L. Community College
MI Sault Ste. Marie *90.1 100 watts h.v.; 30 m, Lake Superior State U. (see also "Deletions," below) [*88.3 Tupelo], 120 w
MS Louisville W214AN *90.7 (WAFR/NH Manchester *90.7 15 watts h.v.; 270 m, g. Knowledge for Life [Los Alamos)
NM Albuquerque K254AB 98.7 (KRBL 98.5/NM Socorro 92.9 6000 h.v.; 54 m, William H. Pace [Council for Public Bcstg.
NY Ossining *90.3 1250 h.v.; 21 m, Westchester/NC Lenoir 103.3 550 h.v.; 235 m, Foothills Bcstg., Inc. [Senior Services
OH Reading *89.3 340 h.v.; 73 m, SW OH/OR Cave Junction K293AB 106.5 (KYTT 98.7 Coos Bay) [Albany], 250 w
OR Salem K242AB 96.3 (KRKT-FM 99.3/PA Lancaster W263AC *100.5 (WRTI 90.1 Philadelphia), 250 w [Bcstrs.
SC Chesterfield 107.3 3000h.v.; 100 m, DBD/S/SC South Congaree (Columbia) 95.3 3000 h.v.; 100 m, Glory Communications [MS]
TN Jackson W201AP *88.1 (WAFR 88.3 Tupelo/TX Hempstead 105.3 6000 h.v.; 100 m, Farmers Communications [91.1 Spokane)
WA Coulee Dam K220DV *91.9 (KPXB/WA Tieton 106.3 320 h.v.; 498 m, Methow Radio WI Chetek 106.7 5000 h.v.; 150 m, Lakeshore Communications [88.1 Milwaukee)
WI Janesville W238AC *95.5 (WMW/ON Huntsville CBCO *94.3 70000 h.v. Orillia relay
ON Parry Sound CBCO *89.9 50 h.v., CBC
PQ Joliette CJLM 103.5 3000 h.v., replacing AM
PQ Pikogan (location unknown) 100.1 50 h, ethnic [h.v., replacing AM
PQ St-Jean-sur-Richelieu CFZZ 104.1 570/
CI Ciudad Carmago XH-106.5 50000 h.v. There are two Ciudad Camargos; see also "Facilities"

Call Listeners Assigned or Changed

AL Bay Minnette 105.5 WNWV (WYMZ)
AZ Nogales 98.3 KLCR (KAYN), r
AR Pecoschotts 109.3 KPCC-FM (KCYN), k
CA Baker 101.5 KBXY (KIXA)

CA Earlimart *93.5 KNKD [S, I
CA Guadalupe 105.5 KIDI/-FM'' (KOHD),/
CA Yermo 105.3 KNKE
CT New Britain 100.5 WRCH (WRCH/-FM'')
CT Stamford 96.7 WKHL/-FM'' (WQQQ), "Kool 96.7" (strict), still o
FL Baldwin 105.7 WXLQ (WUFC)
FL Crystal River *91.9 WXJC
FL West Palm Beach 92.1 WRLX (WNGS), b, "Relax 92.1 FM"
GA Lumpkin 99.3 WKCN (WYAZ)
GA Trion 95.7 WATG
ID Ketchum 104.7 KRMR (KYAA)
ID Springfield *90.5 WJGC (WQIB)
IN Ellettsville 105.1 WGCT (WZYG)
IN Noblesville 93.9 WXTZ
IN Salem 98.9 WXCD (WLSM-FM)
IA Decorah *88.7 KLLN (KYVA)
KY Lawrenceburg 104.5 WJGJ (WUHF), to ID with KY Lexington 104.5 WJGJ (WUHF), to ID with KY Philpot 94.7 WBIO
LA Berwick 105.9 KBZE (KVPO)
MI Marquette *91.5 WUPX (WUJF)
MN Pelican Rapids 104.1 KOYH
MN Willmar 95.3 KJDS-FM
MO Jefferson City 106.9 KKFA (KTXV), rm, "Cafe 107" [ern rock"]
MO Marshall *93.1 KMVC (KNOS), r, "mod-NE Lincoln 101.9 KYNN-FM (KFMQ), k, "Omaha's Young Country," ID with Omaha and Council Bluffs IA
NH New London 99.7 WVRJ, to 217 m (840 h.v)
NJ Ocean City 106.3 WKDE (WSLT), "Country 106.3," "Friends of WSLT Classical Music Radio" are fighting the format change to country. Group formed by Philip E. Galasso, an engineer from West Creek NJ, (609) 294-9766. He's not soliciting money, but would like to acquire one of the remaining commercial frequencies in Cape May-Atlantic City to start a new station. The fact that WJVF 89.1 Trenton is starting a translator in Atlantic City is not deterring Galasso.
NY Kingston *91.7 WFRH (WGLI), 950 w nly; 108 m, d-a
NY New York 96.3 WQXR-FM'' (WQXR-FM); AM gets WQVE calls, and plans to take over the former WNEV 1130 format, initially signing Jonathan Schwartz from WNEV; he'll be on middays Saturday and Sundays; other hosts to be hired. No date for format change announced, but "we believe AM radio is poised for a rebound, now that new receiver and transmitter technologies are being developed for the 1990s."
NY Remsen 93.5 WKDY (WIBQ-FM), k, entering LMA with WUUU 102.5 Rome
NY Webster 102.7 WDCC (WLME)
NY Westport 102.5 WADQ (WVZP)
NC Asheville *91.3 WFLA (WFKB), gr
NC Durham *90.7 WNCU
NC Wilmington *90.5 WMLL
ND Kindred (from Oakes) 92.7 (from 92.5) KSSZ/-FM'' (KDDR-FM), to serve Fargo with 25000 h.v.; 100 m, C3
OH Zanesville *90.1 WOUZ "Lucky 98"
OR Milton-Freewater 97.9 KKKY (KLUB), still/PA Mountaintop 97.1 WYXY (WYRM), r, "Y-97" (strict) and full-time stereo. "Live in mornings, satellite at other times. Reportedly will be 100% live by the end of the year. This should spell the end of poor little WTLQ 102.3 Pittsboro, which still hangs onto its live r format with a terrible signal."
PA Shamokin 95.3 WISL-FM (WSP), o [93.5"
SC Columbia 93.5 WARQ (WAAS), r, "Rock/SD Sisseton *89.3 KWSV
TN Bartlett 92.9 WJWL
TN Dayton 104.9 WDNT-FM (WTCX), still k
TN Smyrna 94.1 WRLG (WYPE), p, and may program some with co-owned WRLT 100.1 Franklin TN: "a good station."
TX El Paso *91.1 KVER
TX Granbury 106.7 KCVT (KYOT), m, "Music

of Your Life"
 TX Jasper 107.3 KNKE
 TX Merkel-Abilene 102.7 KCWS (KFQX), still
 "West 102." Prior to changing, its call letters
 were "Spoken indistinctly."
 UT Nephi 103.9 KYKN-FM (KCDH), AM is in
 Keizer OR [B, "still r"
 UT Ogden 95.5 KKBK (KJQN-FM), "Killer"
 UT Orem 107.5 KMXD (KMGR-FM), "Mix
 107.5" [AM gets new calls]
 UT Tooele 92.1 KTLT--FM (KLTLE-FM)
 VA Yorktown 94.1 WXEZ (WKOD), B, ending
 LMA with WKOC 93.7 Elizabeth City NC,
 "EZ-94"
 WA Opportunity 96.1 KKPL (KKPL-FM), rm
 WA Tacoma *91.7 KBTC-FM (KTPS-FM); KBTC
 AM is in Houston MO; format change to rp,
 parallel to SKRG *89.9 Auburn WA. Adds
 1(D), 57, Seiko wristwatch paging.
 WI Portage 95.9 WZST (WVZO)
 WY Casper *90.3 KCSP (KPGM), gr
 *106.9 KPGM (KCSP), gr. "KPGM will simulcast
 until it is either sold or taken silent."
 WY Laramie 104.5 KKNK

Facilities Changes Granted

AREI Dorado KLBQ 98.7 (from 99.3) 14000 h.v.
 (91 m), C3 [35000 h.v.; 167 m, C2
 AR Newport KOKR 96.7 (from 100.7).
 CA Lenwood KQEH 107.3 2500 h.v.; 156 m
 CA San Francisco KDBK 98.9 6000 h.v. (413 m)
 CA San Rafael KTID-FM 100.7 450 h.v.; 247 m
 CO Canon City K210BG *89.9 (from K216BY
 91.1), 250 v
 CO Fountain KBIQ 96.1 510 h.v.; 614 m
 FL Coral Gables WVUM *90.5 100 h.v., 1300 v; 53
 m [m], C3
 FL Macclenny WJXR 92.1 25000 h.v. (100/
 FL Watertown WQLC 102.1 9000 h.v.; 162 m
 GA Milan WMCB 104.9 38500 h.v.; 167 m, C2
 HI Kahala u KLEO 106.1 6000 h.v.; -76 m
 HI Lanai City KONI 104.7 29000 h.v.; 150 m, C
 ID Payette KQXR 100.3 (back to, from 100.1)
 98400 h.v.; 250 m, C1
 IL Columbia WCBW 104.9 7600 h.v.; 175 m
 IL Ramsey WJLY *93.3 5500 h.v. (100 m)
 IN Indianapolis WHHH 96.3 770 v.; 200 m
 KY Jackson WJSN 97.7 900 h.v.; 252 m
 MD Crisfield WLSL 96.9 2800 h.v.; 123 m
 MD Hagerstown WETH *89.1 408 m (900 h.v.)
 MI Cadillac WVLZ 96.7 7200 h.v.; 184 m, C3
 MI Dowagiac WDOV-FM 92.1 3300 h.v. (91 m)
 MI Sandusky WTVG 97.7 91 m (3000 h.v.)
 MN Grand Rapids K296--*107.1 (from K276DQ
 103.1, after KUAD *103.3 Duluth protested)
 MN Jackson KRAQ 105.7 (from 105.3), 25000
 h.v.; 100 m, C3
 MS Olive Branch WYYA 95.7 6000 h.v. (100 m)
 NE Lincoln (new) *88.5 4700 v. 96 m; v only
 NM Los Lunas KBBU 102.5 142 m (5000 h.v.)
 NY Canandaigua WCIV *88.9 70 watts h.v. 323 m
 NY Newburgh WNGV-FM 103.1 3500 h.v. (84 m)
 NY New York WUFV *90.7 150 m (50000 h.v.)
 NC Asheville *103.3 6000 h.v.; 100 m
 NC Davidson WDAV *89.9 246 m (10000 h.v.)
 NC Shallotte WZDZ 103.7 (from 93.5) 25000
 h.v.; 100 m, C3
 ND Watponton KGWB 106.9 92 m (50000 h.v.)
 OH Sidney WMBR-FM 105.5 6000 h (47 m, d-a)
 OR Sweet Home KSKD 107.1 now * (noncom-
 mercial), gr. "K-Love," relaying KLVN 91.9
 Santa Rosa CA
 PA Erie WVZB 94.7 1100 h.v.; 164 m
 PA Philadelphia WDAS-FM 105.3 16300 h.v.
 (265 m) [000 h.v.; 100 m, C3
 SC Charleston WSUY 100.5 (from 100.7) 25-
 SC Greenwood WMTY-FM 103.5 25000 h.v. (100
 m), C3
 TN Aloca WYLV *89.1 730 h.v. 303 m, C3,
 granted CP extension (third)
 TN Carthage WUCZ 104.1 (having moved from
 102.3), *2104.1, and "they turn the stereo
 pilot off for high school football games and

they also carry some sports programs from
 WWTN 99.7."
 TN East Ridge WJRX 107.9 3700 h.v.; 251 m, C3
 TN Fayetteville WYTM 105.5 2250 h.v.; 151 m
 TX Breckenridge KRDO-FM 93.5 12500 h.v.;
 136 m, C3, "KR Double O"
 TX Port Isabel KPVA 101.1 1950 h.v.; 111 m, CP
 extension granted (second) [vertical
 VT Rupert WMNV 104.1 2800 h.v.; 68 m, adds/
 VA Charlottesville WTJU *91.1 (from 91.3) 750
 h.v.; 288 m, B1
 VA Lynchburg WJJS 101.7 25000 h.v.; 100 m, C3
 WA Seattle K277AE 103.3 with KMTT-FM
 103.7 Tacoma (from K277AA 103.3 with
 KLTZ 95.7 Seattle)
 WV Point Pleasant WBYG 99.5 4700 h.v. (99 m)
 ON Mississauga CFMX-1 transmitting from
 downtown Toronto (new facilities not
 announced); may or may not mean a change
 in its city of license)
 ON Orillia CBGO *105.9 3100 h.v. (152 m)
 SO Tapache (not Techache) XHMZD 99.3
 TM Ciudad Camargo XHCGO 90.5 is not in C1;
 power not known (see also "New," above)

Stereo—Or to be Stereo

IN Mount Vernon WBLZ 106.7, "Z-106.7"
 (from "B-106.7"), ID with Evansville
 LA Monroe KYFL *89.5 (frequency change
 from 89.3)
 MI Gulliver WCMW 94.7
 MN St. Louis Park KDXL *106.7
 NE Wayne KWSC *91.9, "K-92" (from "Momo
 92")
 NM Las Cruces KRUX *91.5, r
 OH Lima WFGI 93.1
 Monophonic
 MS Tyrlertown WTYL-FM 97.7, still k, but
 dropping stereo
 PA Folsom WRSD *94.9, leaves its transmitter
 on seven days a week, 24 hours a day, but
 programming only from 10 a.m. to 1 a.m.
 PA Havertown WHHS *107.9. "I called WHHS
 and the secretary said they were Stereo. Since
 the station is back on the air I have not had
 the stereo light illuminated by WHHS. The
 secretary was probably wrong."

See Also November VFD For

AL Eaufula WULA-FM 92.7 U 92 FM, Sittel, p.
 37 [it stereo? Cherry, p. 50
 AZ Phoenix KNAI *88.3 Radio Campegina; is/
 CA Chowchilla XKDA *93.3 K-Love, is non-
 commercial, Jefferson, p. 39
 FL Dogwood Lakes Estate WJED *91.1 is it
 stereo; does it ID with other cities on the
 hour? Sittel, p. 37.
 GA Americus WISK-FM 98.7 K-98, Sittel, p. 37.
 GA Cordele WKKN 98.3 k, "Station News," p.
 46 ["WSPX," Sittel, p. 37
 GA Ocilla 97.7 calls now WKAA, not/
 GA Omega WQBX 97.5 Country 107.5; is it
 stereo? Sittel, p. 37
 IL Bethal to WFUN-FM (calls changed from
 WKJO), "Fun Radio," stereo assumed, Mill-
 make, p. 45. ID with St. Louis MO?
 IL Macomb WJEO 102.7 Classic 103 (from
 "Rock 103"), Hawk, p. 41
 IA Emmetsburg 98.3 still KEMB, Hawk, p. 40
 MI Munising WHCH 98.3 stereo [at last!],
 Falconer, p. 48
 MO Columbia KARO 101.5 K-102, Millmaker,
 MO Jefferson City KJMO 100.1 FM 100, Hawk,
 p. 40
 MO Joplin KKUZ 102.5 now WMBH-FM 102.5
 and; an update from Hawk says, p. 40
 NY Bridgeport WTKW 99.5 on air, k, serving
 Syracuse, although M Street Journal says it is
 on 93.5. Check and let us know; also is it
 Stereo? [ly cs, Nieman, p. 49
 NY Jeffersonville WJFF *90.5 format apparent/
 NY Remsen WKDY 93.5 ID with Utica, "Station
 News," p. 47
 NY Watertown WSLJ *88.9 (apparently not on

88.5) on air; is it stereo? "Station News," p.
 47; Chernos, p. 47.
 SD Huron KGT99.1 still on 92.1, Hawk, p. 40
 SD Vermillion nonverifier KVHT 106.3 Hot
 106.3, ID with Yankton-Sioux City (IA),
 Hawk, p. 42 [tion News," p. 47
 TX Elgin KKL8 92.5 is it stereo? "Sta-
 TX Groves KTF4 92.5 gr, Falconer, p. 48
 ON Campbellford CKOL 98.7 50 watts h.v.;
 apparently a new station, Chernos, p. 45; is it
 stereo? format?
 ON Chatham CKSY 95.1 r, Nieman, p. 49
 ON Kingston CFLY 98.3 r, Nieman, p. 49
 ON Toronto CJBC-FM *90.3 on air (at last) in
 [Stereo], c, Chernos, p. 46, "Station News,"
 p. 47, and other places—a well-heard station
 by the nation's FM DXers!
 FMEDIA is featuring the Minneapolis-St. Paul FM
 market with historical material, an FM dial
 chart and description of an FM DX system in
 a car which I used in 1952.

Format Changes

Formats are the same as in the FM Atlas

AL Birmingham WIKX 106.9 o, LMA with
 WZZK-FM 104.7 Birmingham Now WODL.
 AL Butler WQGL 93.5 k [country]
 AL Centre WRHY 105.9 r
 AL Chickasaw WDLT 98.3 r
 AL Hartselle WYAM 106.1 rs, part of a combo
 including WAZK Trinity and two AMs
 AL Trinity WAZK 92.5 o; \$?
 AK Fairbanks KWLF 98.1 r
 AZ Phoenix KOY-FM 95.5 r
 CA Compton KJLH 102.3 s
 CA Palm Desert KNSN 103.1 r
 CA Paradise KZPZ 96.7 p
 CA Santa Maria KXFM 99.1 Spanish, latin
 CO Kremmling KRKM 106.3 o
 CO Ouray KUMA 105.7 g, now simulcasting
 KJOL *90.3 Grand Junction (note new
 translator granted just SE of Grand Junction)
 CT Salisbury WKZE-FM 98.1 mr
 FL Greta WGWV 93.3 (moving from 100.7) r
 FL Mexico Beach WEBZ 99.3 mr
 FL Plantation Key WCTH 100.3 mr
 FL Zolfo Springs WYBZ 106.9 k
 GA Brunswick WB8Y (from WOKV-FM) 100.7
 sr, resumed, LMA-to-bye Brunswick's other
 station, WJHX 101.5. Illegal under new FCC
 rules if you consider Brunswick as one
 market, but both stations serve Jacksonville
 FL.
 GA Dublin WQZY 95.9 k
 GA Forsyth WFXM 100.1 s
 GA Fort Valley "KXK 97.9 s, ID with
 Forsyth-Macon; WFXM and WKXX "still
 simulcast"
 GA Hogansville WEIZ 97.5 mr, "Easy 97.5"
 GA Jessup WIFD 105.5 o, "Gold 105"
 GA Omega WQBX 107.5 k
 GA Wrens WAKB 96.7 s, parallel to WFXA-FM
 103.1 Augusta in an LMA
 HI Aiea KGUU 107.9 p, classic rock
 IL Kankakee WZZP 95.1 rp, "K-103" (strict)
 IL Mount Carmel WRBT 94.9 p
 IL Peoria WBGE 92.3 to be s
 IL Rantoul WZNF 95.3 rp, parallel to WZZP 95.1
 Kankakee and WZNX 107.9 Arcola. "Now
 you can travel I-57 from south Chicago to
 Mattson and hear one station. Much interference
 from WIL 95.1 Kenosha. Rats!"
 IA Atlantic CKXT 103.7 k, "KT-103" (from
 "103.7-Kat"). The "Omaha country market
 doubled in one week's time!" (See calls,
 Lincoln NE, above.)
 KS Hutchinson KJUS 97.1 to be r and coming on
 the air as you read this, despite owner Great
 American Broadcasting being in bankruptcy.
 LA Alexandria KLSA *90.7 c, not jazz; has a
 "fantastic signal"
 LA Coshutta KSDH 94.9 k
 LA Delhi KKAP 93.5 g, mono, ID with
 Tallulah-Monroe

LA Monroe KEDM *90.3 jt, no classical
LA Opelousas KVOL-FM 105.9 rp, parallel to
KKZN 93.7 New Iberia
LA Rayville KTJZ 92.3 k, "not religion"
LA Ruston KLPI *89.1 o, \$[tereo]
MN Hutchinson KKKR 107.1 k
MS Centerville WZLF-FM 104.9 g, monophonic
MS Lorman WPRL *91.7 j, \$
MS Waynesboro WABO-FM 105.5 k
MS West Point WKBB 100.9 b
MO Poplar Bluff KZMA 103.5 r, CHR, still
"KZ-103"

NV Sparks KKKR 100.9 op
NJ Belvidere WRNJ-FM 107.1, not yet on,
reported to be going k, "which should drive
WKXX 1470 Allentown PA out of the
format."

NC Farmville WROR 94.3 o
NC Rocky Mount WESO *90.9 jc, "limited
schedule"; Stereo?

OH Upper Sandusky WXML *90.1 g, with 80%
music, 20% religious programs; plans Dec. 1
on-air date. Calls stand for "Exalt Three
Mighty Lord." Watch for stereophony.

PA Oil City WKWF-FM 96.3 o, Stereo
SC Bishopville WKHT 93.7 o, simulcast with
WSSC AM Sumter

SC West Columbia WSCQ 100.1 m, "Sunny 100"
TN Jackson WMXX-FM 103.1 o, "Kool 103"
(from "Mix 103 FM")

TX Abilene KHXS 106.3 b, "Easy 106"
TX Arlington KODZ 94.9 k, "Sunny 95" (from
"Oldies 94.9"), LMA/purchase agreement
with Alliance Broadcasting, KYNG 105.3.

TX Glen Rose (having moved from Hamilton)
KCLW 92.1 k, now a C2, "Texas Country
Connection," ID with Stephenville-Fort
Worth (but weak in Fort Worth); simulcasts
KCLE AM Cleburne.

TX Hamlin KCDD 103.7 r, CHR, "CD-103"
TX Nacogdoches KTBB 107.7 m
TX Uvalde KUVA (from KKXS) 102.3, Spanish,
I

VA Clinchco WDIC-FM 92.1 o
VA Brimontion KRWM (from KKNW) 106.9 mr,
"Warm 107"

WI Ripon WYUR-FM 96.1 m [River]
AB Lethbridge CFRV 107.7 m, still "The/

On Air (Selected)

FL Goulds WRTO 98.3, back on after Hurricane
Andrew hit, with unlisted facilities from the
former site of WSUA 1260 AM Miami

FL Homestead WXDJ 95.7 back on, with 12 kw
from the same 66-m tower WMCU is using

FL Miami WMCU *99.7 using a temporary site
with 15000 h.v. from a 66 m tower, and
covering "80-85% of our market"

LA Grambling KGRM *91.5 still weak, not yet
having upped to 50,000 h.v. "Given the rough
times this state government is in, who
knows?"

PA Easton WJRH *104.9, having moved from
90.5, "with a signal that can be measured in
blocks, and very undermodulated"

Off Air or Not Yet On

FL Key West AAIL 99.5, along with WKWF
1600 AM

FL Miami WDNA *88.9 still off, as it was when
its tower was destroyed by the hurricane.

GA Quitman WSTI 105.3
GA Soperton WKTM 101.7 [ing sale]
GA Waynesboro WAGW 107.1, "silent pend-/
IA Keokuk KYAT 105.9

LA Burs KMRJ *91.9
LA Folsom KGZC 104.9
LA Larose KLRZ 100.3, seeking C1. "This is the
old WWL FM frequency, post-WVZ, WWLH."

MS Long Beach WWUB 94.5
MS Natchez WRHG, but it "is hiring"
MS Port Gibson WYVE 100.5

MS Wiggins WOTC 97.9; wants to move to
D'Arville, across Biloxi Bay. "FCC balking."

NM Farmington KRAZ 96.9, along with KRZE
1280 AM, being sold to J. Thomas Develop-
ment who is also purchasing KKFQ 104.5.
OK Ardmore KRDm 96.5
PA Avis WHUM 99.9, nudged out of its LMA
with WHWD (formerly WRKK) 97.7 Jersey
Shore PA
PA Mount Carmel WXMH 99.7 still silent, "tied
up in court" and "likely to be off the air for a
while." [WNRV 990 AM
VA Narrows WZFM 101.3, along with/

Deletions

AZ Payson KRMM 101.1
CA Redding K204AA *88.7 (see "New," above)
MI Clayton WENL 105.5
MI Sault Ste. Marie W212AI *90.3 (see "New")
NY Old Forge WUMA 94.1
NC Warrenton WVR5 107.3
OH McArthur WXXF 98.7
TX Pearsall KQXD 104.1

SCServices, 67, 92 kHz

Symbols are as in the FM Atlas

GA Waynesboro WYFA *100.9 no SCS [tT]
MO Cape Girardeau KEZS 102.9 tM, 67 (from/
MO Clayton KFUD-FM 99.1 no tM, 67
MO Farmington KTJZ 98.5 tB, 67, "Talk Net"
MO Perryville KBDZ 93.1 tM, 67

NJ Newark WRRM "is on the 92 kHz of WBG0
*88.3, and "occasionally relays their affiliated
FM station in Manila, 'WKC' 93.8, the
number one pop music station in metro
Manila". Actually, 'WKC' is a strict nonID;
the real calls are D'IJKC, but they never use
the ID on the air. They play mostly Filipino
records with a few American ones mixed in.
Most commercials are for movies and up-
coming concerts. All the announcing is in
English. They take requests and dedications,
but they say "if you're listening in New York,
don't call collect!" WRRM offering radios at
\$65 with the two SCS channels. "It sounds
like the FMystery radio" in FM Atlas-13. Call
(201) 224-8360 or 224-8311. "WRRM Radyo
Pino" wants to start stations in Los Angeles,
San Francisco and Toronto.

WNWK 105.9 tE, 92, had been testing Chinese
music over and over, but has settled into a
Colombian Spanish service, "Radio Inter-
nacional," and not the same as WYNY
103.5's 92 kHz, "La Vos de la Gran
Columbia."

NY Garden City WDRE 92.7 tE, 67, Radio
Sedaya Iran ("all Farsi—no English"). It's
"weak, distorted and crackly"; tU, 92.

VA Big Stone Gap WAXM 93.5 tC, 67, WLSD
AM relay 24 hours, along with its 92.5
translator having those features (from tS).

VA Harrisonburg WXJM *88.7 tC, relaying
WREL-FM 96.7 Buena Vista with main
carrier programming "for EBS purposes"

WMRA *90.7 tU, 92 (from tB, BBC news
relaying); retains tT, 67

VA Lexington WMRL *89.9 tT, 67. Main
channel is \$[tereo].

NonIDs in Use—not Just Slogans

Mentioned usually without call letters; "strict" if
a station only uses call letters once per hour as
required by the FCC (at or near top of hour)

AL Tuscaloosa WVUA *90.7 V-91
AR Warren WKRF-FM 105.5 K Country
FL Fort Pierce WOVV 95.5 Star 95.5

IN Plymouth WZZE 94.3 Z-94.3 Hot Country
(from "Classic 94"), ID with South Bend;
now 113000 h.v.; 150 m, but claiming "25000
watts"

KS Larned KKQDF 98.7 The Super Q
KY Shelbyville WTHQ 101.3 Thunder 101
LA Monroe KNLU *91.1 New Rock 91-1 (strict,
"even on the hour when I listened")

LA Winnsboro KMAR-FM 95.9 Cotton Country

96

MI Kalaska WKLT 97.5 Double Rock, KLT
MI Saginaw WKQC 98.1 KCQ, Q Country
MI Traverse City WTCM-FM 103.5 TCM
WCCW-FM 107.5 Oldies 107.5; still only 600
watts

MI Whitehall WEEG-FM 97.5 97 Frog (strict),
still k, now satellite instead of local/live

MN Bemidji KKBJ-FM 103.7 B-103 (from "KJ
104") [Music, Less Talk]
MN Tracy KARL 105.1 uses calls, not "Light/
NJ Paterson WPAT-FM 93.1 Soft and Easy 93,
instead of just "Easy 93." Music includes
more vocals; move to a format like WLTV
106.7?

NM Bloomfield KKFG 104.5 K Frog 104%, "and
running Unistar 'Hot Country' format. When
I came into KCQL/KKFG on April 1, I was
looking through the AM engineering files.
The AM was constructed back in the late '50s
and a tower sketch shows a four-bay FM
antenna mounted on the AM tower. The calls
then were KNDE. I could find no trace of any
FM engineering info beyond that. Then, this
summer, while installing a new transmission
line for the AM from the studio to the tower,
I came across not only the old AM transmis-
sion line buried in the ground but some 3-inch
helix also, which apparently was for the
FM," says Dan Kelley. "An older fellow who
works here said he had stopped at this station
in the late '60s and recalls an FM transmitter
in the building, though there was no FM on
the air. A 1964 Broadcasting Yearbook I have
only lists the AM, as KHAP, here in Aztec.
KWYK (FM) licensed to Aztec came on the
air in the late '70s. So the mystery is—was
there ever a KNDK-FM as the files indicated?
Our FM, KKFG, licensed to Bloomfield, did
not come on the air until 1988." [Mystery
solved—I checked, and the 1961 first edition
of Vane Jones' North American Radio-TV
Station Guide lists KNDK-FM 94.9 in Aztec
NM as being on the air. It had 3400 watts
(antenna height not given); FCC history files
should show what exact years it operated, or
maybe some local person, such as an electron-
ic technician or appliance salesman, might
remember its being on the air—b.a.]

OH Port Clinton WCLR 94.5 X-94;
OK Bethany KNTL 104.9 The Light 105 FM
TX El Paso KINT 93.9 Mix 93.9

TX San Angelo KELI 98.7 98.7 K-Lite
TX Sweetwater KXOX 96.7 The Box (strict;
from "Kool Gold")

WI Trempealeau WKBB-FM 105.5 K-Rock (from
"K 106 FM"). Correct call letters' listing, p.
186, FM Atlas-14.

ON Kitchener CHYM 96.7 Class FM (from
"Charm FM")

YU Merida 92.9 on air, "Solididad FM"

Multi-City IDs in Use

GA Cumming WVEV-FM *91.5 with Decatur-
Atlanta (town was misspelled, Oct., p. 3, col.
1) "Weak," not yet moved to 93.9

LA Bastrop KTRY-FM 94.3 with Monroe, but/
LA Calumet KCTO-FM 103.1 with Monroe

LA Louisiana KBYO-FM 104.5 (but still on
104.9), with Vicksburg MS and temporarily
monophonic

MI Atlanta WAIR 92.5 with Petoskey-Alpena,
"W-Air" (from "Oldies 92.5")

MI Leland WTRV 94.3 with Traverse City,
parallel to WAIR [Brookhaven-Jackson
MS Monticello WRQO 102.1 with/
MS Utica WJXN-FM 92.9 with Jackson

TX Pasadena KKBQ-FM 92.9 no ID with
Houston. It says "KKBQ-FM Pasadena,
KKBQ Houston"; nonID is "93-Q Country"

WI Oshkosh WUSW 96.9 (having moved from
96.7) with Appleton, "US 96"

God bless, and 73! *Bruce Elving*

TELEVISION NEWS

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ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
AAT= Above Average Terrain
AG= Above Ground
ASL= Above Sea Level
nc= No change
TL= Transmitter Location
CP= Construction permit
MP= Modification permit
(modification of construction permit)
*= Non-commercial
CRTC=Canadian Radio-TV Commission

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City, applicant
AR	57	3209	261	Springdale; Pharis B'casting Inc.
NC	38	50	82	Greenville; Scholastic Info. Net. Inc.
NY	56	16.8	210	Syracuse; Scholastic Info. Net. Inc.
UT	12	2	2712	Logan; Scholastic Info. Net. Inc.

APPLICATIONS DISMISSED

St	Ch	City, applicant
CO	4	Grand Junction; G.J. Broadcasting Co.
TX	40	Rio Grande City; Unicom-LRGV

CONSTRUCTION PERMITS GRANTED

St	Ch	ERP	HAAT	City
MT	11*	280	645	Missoula; U. of MT
NC	30	1830	539	Wilson; WEOU (reinstated)

CONSTRUCTION PERMITS CANCELLED

St	Ch	Calls	City
FL	45	WLCB-TV	Leesburg
IA	63	KBTB	Des Moines
NE	54	KOFF	Omaha

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	57	1622	270	WFXU	Live Oak

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS (cont'd)

St	Ch	ERP	HAAT	Call	City
GA	58	2816	118	WPGA	Perry
WV	40	nc	387	WLFB	Bluefield

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
CA	43	519	610	KSDI	Clovis
TX	28	3000	237	KYLE	Bryan
TX	51	nc	506	KNWS-TV	Katy
WA	24	nc	nc	KBCB	Bellingham

(MP to change from ch. 64)

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	44	3041	nc	WNAL-TV	Gadsden
				(was 2750kW)	
AL	45	619	nc	WMCF-TV	Montgomery
				(was 603kW)	
AL	17	814	265	WDBB	Tuscaloosa
				(was 3720kW/674m; big change!)	
CA	39	2500	578	KNSD	San Diego
				(was 5000kW)	
IL	5	20	494	WMAQ-TV	Chicago
				(was 39.8kW/402m)	
WI	28	1172	346	WHWC-TV	Menomonie
				(was 1100kW/351m)	
WV	24	3000	nc	WNPB-TV	Morgantown
				(was 2340kW)	

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	43	5000	275	WGIQ	Louisville
				(was 4680kW/295m)	
AR	29	1410	270	KHOG-TV	Fayetteville
				(was 708kW/271m)	
AR	51	184	144	KFAA	Rogers
				(was 79.4kW/145m)	
NE	19	1683	348	KXNE-TV	Norfolk
				(was 776kW/342m)	
NY	54	nc	490	WTBY	Poughkeepsie
				(was 491m.)	
OH	68	294	180	WMFD-TV	Mansfield
				(was 2510kW/525m)	
				(new TL: 40°45'50"N, 82°37'04"W just west of Mansfield & 400m N of US-30)	
TN	16	4680	322	WMTU	Jackson
				(was 589kW/174m)	
				(new TL: 35°47'22"N, 89°06'14"W (1.3km ENE of TN-54 & TN-88, about midway between Jackson & Dyersburg.)	

CHANGES GRANTED TO EXISTING STATIONS (cont'd)

St	Ch	ERP	HAAT	Call	City
WI	28	1172	346	WHWC-TV	Menomonie
(new TL: 45°02'49"N, 91°51'47"W a very minimal change.)					
WI	36	1056	445	WLEF-TV	Park Falls
(was 741kW/448m)					
WV	33	2371	379	WPBY-TV	Huntington
(was 1050kW/378m)					

CALL LETTERS ASSIGNED TO NEW STATIONS

St	Ch	Call	City/Permittee
CO	22	KWXU	Fort Collins; Chase Communications Corp.
FL	66	WTBG-TV	Bradenton; Bradenton Bcst. TV Co. Ltd.
FL	35	WMLB-TV	Miami; Miami Latino Bcst. Corp.
NM	50	KASC	Albuquerque; KBQE

CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	City	Was	Now
OR	6	Portland	KOIN-TV	KOIN

NEW STATIONS ON THE AIR

Clarification from last month--
WYDO-NC is on channel 14z.

Miami, FL: WMLB-TV 35z:
5000kW, 358m AAT
TL 25°36'16"N, 80°34'14"W
Roughly 6km N and 6km E of where
WCIX-6's tower used to be, in the
general vicinity of Perrine.
Seen testing with old English-
language movies in late October.

Coeur d'Alene, ID: KCDT *26z:
12.3kW, 465m AAT
TL 47°43'54"N, 116°43'47"W
Can't pin down this TL on my map,
but it's pretty close to Cd'A
proper.
Signon 9/22/92.
PBS affil., satellite of KUID-12
Moscow.

McAllen, TX: KNVO 48z:
3162kW, 160m AAT
TL 26°05'20"N, 98°03'44"W
Again, I can't pin this down on the
map, but it's pretty close to
McAllen proper.
Billboards noted by yours truly
on 11/10 while visiting south
Texas, and station seen with
Univision programming.
Univision (Spanish) affiliate.

BACK ON THE AIR

WOC-55 Amsterdam, NY; 8/24/92
WMFD-68 Mansfield, OH; 8/27/92

STATION OFF THE AIR

KKTO-2 Albuquerque, NM; 9/6/92

CHANGES IN THE TABLE OF ALLOCATIONS

Ventura, CA: add 51z
Anacortes, WA: delete 24z, add 64z
Bellingham, WA: delete 64z, add 24z
(the WA changes are to allow
KBCB Bellingham to amend its CP
from 64 to 24)

OTHER STUFF

Note that frequent Es target
KKTO-2 is now off the air. I
suspect this dark period won't
last long-- unless they're off to
move the transmitter to Sandia
Crest. At 1280m HAAT, I have to
assume you don't go hauling heavy
transmitting equipment up there in
November without going through a
lot of work & expense! Also in
New Mexico, another Es target,
KVIO-6, has been sold. This
station was a satellite of KVII-7
Amarillo, Texas. Finally, dark
WNTZ-48 Natchez, Miss. has been
sold to the owners of KADN-15, and
may return to the air soon.

A call change had been reported
for KNVO-48, but the billboards
said "¿Que Nuevo?", so I presume
the new calls were turned down..
Unfortunately, I didn't take a TV
with me, and my motel in Harlingen
had cable, so I wasn't able to
check any of the Mexican stations
except XHAB-7, which was on the
cable system. For what it's worth
(Gulf tropo watchers..), XHAB's
newscast is called "Vallevision",
and U.S. commercials (in Spanish)
are aired. I did hear a fair
amount of Monterrey FM, details
forwarded to Bruce Elving and Matt
Sittel.

Also, I have U.S. addresses &
phone numbers for XHRI-2 (which
is listed as XRIO in the Harlingen
phone book-- but, as Ed Phelps
says, the real calls are indeed
XHRI-2) and XHAB-7. Note that a
new area code has been introduced
in south Texas; San Antonio,
Laredo, McAllen, Harlingen, and
Brownsville are now area code 210.
Austin and Corpus Christi remain
512.

Broadcasting magazine reports
that Cox Broadcasting is
interested in selling KTVU-2
Oakland. The magazine reports

that NBC and CBS are both interested in buying the station, which is currently a Fox affiliate. (Fox is also reportedly interested) A sale to NBC or CBS would result in another affiliation swap not unlike the ones which have occurred in Miami and Green Bay in the recent past. Cox's WKBD-50 Detroit is also up for sale.

Broadcasting also reports that WTXN-20 in Connecticut has been sold; the new owners plan to run religious programming.

The FCC's Office of Plans & Policy has issued a report suggesting that allowing a Los Angeles UHF station convert its spectrum to a third cellular telephone system.

OPP estimates that the move would reduce car phone airtime prices in the area by 25%, and result in an overall "social benefit" of just over \$1 billion.

The Madison, Wis. chapter of the Society of Broadcast Engineers has published the table of allocations proposed for HDTV in Wisconsin:

Appleton	65
Chippewa Falls	49
Eau Claire	
Site 1	35
Site 2	58
Fond du Lac	50
Green Bay	25,51,66,67,69
Highland	33
Janesville	56
Kenosha	40
Kieler	58
La Crosse	
Site 1	34,53,63
Site 2	69
Madison	20,35,44,60,62
Manitowoc	48
Mayville	41
Menomonie	56
Milwaukee	19,22,28,34,43
	45,46,59,61
Park Falls	65
Racine	63
Rhineland	29
Sturgeon Bay	54
Superior	27
Suring	23
Wausau	33,43,64

Again, this a first draft--even the fact that all channels are UHF isn't final. There's one channel here for every channel currently allotted to that city. (even channels, such as Kieler, which have no stations or applications on them)

I'm not certain of the meaning of "Site 1" and "Site 2" under Eau Claire and La Crosse, but the VHF stations currently licensed to these two cities are located at a considerable distance from the UHF stations there. (WEAU-13 is roughly 40km SE of WQOW-18, and WKBT-8 is roughly 20km E of WXOW-19/WLAX-25/WHLA-31)

A representative of Telesat Canada has said that broadcasters there may choose a different HDTV system if the U.S. standard doesn't allow multichannel broadcasting. ("multichannel" meaning the ability to transmit more than one TV program at the same time on the same TV channel)

The recent election kept the TV satellites busy... GTE supported 684 live feeds on 7 satellites; Conus Communications provided 707 feeds.

While you may have seen a political commercial every other spot in the last days before Nov. 3, TV station managers report they lost money on the campaign. Political ads must be sold at the lowest (discounted) rate available-- and the flood of political spots pushed off some regular advertisers, advertisers who would have paid full price. Some stations have resorted to establishing a policy of prohibiting any political advertising during certain times.

Just before the election (two days before the election, and 15 minutes before the commercial was to air!) Supreme Court Justice Anthony Kennedy refused to order WAGA-5 Atlanta to air a graphically anti-abortion 30 minute ad for congressional candidate Daniel Becker. In the case, the FCC changed its mind & decided to ask for comments on whether this kind of commercial should be ruled officially "indecent" and restricted to airing between midnight and 6am.

Bill Clinton will be appointing a new FCC chair. Commissioner Sherrie Marshall is also expected to be replaced under the Clinton administration.

The Justice Department has informed the Senate that they don't intend to defend the must-carry and retransmission-consent provisions of the Cable Act against challenges from Turner Broadcasting and Daniels

Cablevision. The Department, however, has also asked the U.S. District Court in Washington to delay hearings on the challenges until next March, by which time the new Clinton administration will have had a chance to take control of the Justice Department, and likely reverse its decision.

Also in the courts, the U.S. Supreme Court has prohibited the NBA from enforcing a limit of 20 games that can be televised outside the team's local market. The ruling was sought by WGN-9, which planned to air 25 games this year, and has aired as many as 30 in years past.

I now have a copy of the FCC television (including LPTV) database on CD-ROM. Unfortunately, it's a year old, but it's still a much better LPTV reference than previously available here! And, it's been updated by a year's worth of the VUD and DX reports..

FORUM

Ben Wilkie, York, ME:

Ben sends an article from the Nov. 5 *Boston Herald* regarding WMFP-62. "...in mid-November, Channel 62 will become a 5-million watt station,..."

According to WMFP owner, WCVB-5 political commentator, and WRKO-680 talk show host Avi Nelson, most programs on channel 62 will come from the "Mainstreet Network", but he hopes that inexpensive half-hour slots will attract diverse programs from smaller groups.

Ben comments that he hasn't received WMFP up in Maine in many months-- whether this reflects their status as a "glorified LPTV" of 20kW ERP, or if they were actually off the air, I'm not sure. Also, the article makes no mention of WMFP's stint as a Channel America affiliate..

Keith Short, Columbus, OH:

(Keith, I'm forwarding the WOSU logo to Dave Nieman)

From the Oct. 1 Columbus *Dispatch*, local production firm Mills/James Productions has donated \$60,000 worth of work to provide WOSU-34 a new look. The new logo is certainly distinctive! Only problem is.. the "34" is still a lot bigger than either the "WOSU-

TV" or "Columbus" part! Given that your TV has a glaring red "34" on it, and that the rating services key off the call sign, I really don't understand why so many ID slides emphasize the channel number!

Bill Nienajadly, Clifton, NJ:

WMBC-63 Newton, NJ plans to sign on Jan. 15, 1993. General Manager Sun Young Joo told the *NJ Star-Ledger* that the antenna will be installed on a 80m U.S. Sprint tower in December, and regular broadcasting will begin the next month.

The station had hoped to build a 234m tower on Bowling Green Mountain in Jefferson, but opposition from neighbors prevented the construction of a tower there.

A bill to restore funding for the New Jersey Network's four stations (WNJB-58, WNJM-50, WNJT-52, WNJS-23) has been approved in a committee of the NJ Assembly. If approved by the entire Assembly, this would presumably save NJN from extinction.

Ron Wing, Wichita, KS:

Ron got his hands on a copy of K55FS's (rather professionally produced!) program schedule. Programming consists mostly of Nostalgia Channel, but local programs are aired between 1 and 2pm, 6-6:30pm, and 10-11pm.

Also part of the publication is a detailed description of how to hook up one's TV to receive K55FS, even if you have cable. And, a list of the over-the-air stations in the area, including the "Big 5" (KSNW-3, KPTS-8, KAKE-10, KWCH-12, KSAS-24), and LPTVs K15DD (HSN), K59DA (TBN), and K55FS.

- It isn't 100% relevant to TV DX, but radio amateurs got in on the Sept. 12 mega-tropo. Station K5SW Muskogee, Okla. appears to have set a new distance record for ham tropo work by contacting W2SZ/1 in western Massachusetts, a 2100km path, on the 222- and 144-MHz amateur bands. Merry Christmas to all, happy holidays, and may Santa bring us all plenty of December Es; we deserve it!

73 Doug

SATELLITE NEWS



George W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

Its been a while since a regular column since the yearly review of services was running and took several issues to complete. Many thanks to Ronald Purdue who sent several notes one concerning encryption of NHL games. I can't determine at this point the answer to his question about the type of system being used, but I'll look into it. The first thing that needs to be mentioned is that the review as it was being published was being totally negated by an incredible number of changes. I'll address these now below:

The tentative line up and current operating status for Satcom C4 at 135 West-

- 1 - 0 American Movie Classics VC2
- 2 - Request TV 2 VC2
- 3 - Nickelodeon - East VC2
- 4 - Lifetime - east
- 5 - Deutsche Welle television service from Germany in NTSC
- 6 - Madison Square Garden Network
- 7 - Bravo VC2
- 8 - PreView Guide
- 9 - O V C Shopping
- 10 - Home Shopping Club 1
- 11 - Ad-Star ????
- 12 - Nu-Star
- 13 - Travel Channel
- 14 - Family Channel
- 15 - WWOR - New York
- 16 - Request TV 1 VC2
- 17 - MTV - East
- 18 - Viewers Choice 2 VC2
- 19 - C-Span 2
- 20 - Showtime West VC2
- 21 - Discovery
- 22 - The Movie Channel - West VC2
- 23 - VH-1
- 24 - listed as TBA

Acts VISN from G3-7 - now combined on F1 - 5

Ag-Net - on C1 - 18 - now silent

Tavern TV on G6-16 is MAC at night

On the Ku side G-Star 2 and G-Star 4 swapped places.

Galaxy 7 was launched on October 27 and will be CBS new home - this is a C and Ku bird at 91 West. SBS 4 which was there has been moved to 91 West (Ku-Bird)

The Caribbean Network (NEW) is expected to launch on Spacenet 2 December 1st.

On the same bird - SUR is going to encrypt.

Univision is back to its ancestral home on G1-6

Cable Video Store is now a part of TVN and is on

T3 - 9 parallel to its Satcom 4 feed.

TDRS at 41 West has video on XPDRs 9 and 11 occasionally

Intelsat 506 at 50 West in inclined orbit has SUR

Florida uplink on XPDR 10.

Carriers have been noted on TDRS 3 at 62 West.

Christian Television Network is on C1 - 11

That's all for this go-round. See you in 30!

Steve

QSL CORNER

&

LOGOS RUN

Thomas J. Yingling, Jr.
221 Pinewood Road
Baltimore, MD 21222-2345
410-282-5649

CO KYGO 98.5 Denver, 1095 South Monaco Parkway, zip 80224. PFC (prepared file card for QSL) and letter from Brad Hart, CE in 6 weeks. (Ross)
TX WACO 99.9 Waco, Box 21088, zip 76702-1088. PFC & letter in 2 months from Dave Fricker, CE. (Ross)
FL WVRI 101.1 Cocoa Beach, 2500 Maitland Center Parkway, Suite 401, Maitland, FL zip 32751-4122. Lou Mueller, CE sends specific verification, noting transmitter is near Christmas, FL, midway between Orlando & Titusville. (Elving)
SD KSDR 92.9 Watertown, P. O. Box 1480, zip 57201-6480. Bob Faehn, General Manager sends a long, friendly letter, apologizing for the 6 week delay in sending verification. Mentions being on the air since 3-9-92, and my being the greatest distance to date. (Elving)
TX KJCR 88.3 Keene, Southwestern Adventist College, zip 67059. Bob Mendenhall, General Manager sends long letter. Mentions that is directional to protect KEOM 88.5 Mesquite, KNTU 88.1 Denton & KCEN-TV 6 Temple, TX, sending out 23 kW west, 5.1 kW at 10 degrees, 4.1 kW at 20 degrees & 3.3 kW at 30 degrees. "You are surely no average hobbyist in this field. The information you provide is as perspicacious as it is accurate." & he confirmed that transmitter telemetry is on their 67 Khz. scs. (Elving)
TX KEOM 88.5 Mesquite, 2500 Memorial Parkway, zip 75149. James

C. Griffinn, III Ed.D. Dir. of Radio sends letter verifying saying that mine is the first dx report they had since switching to 88.5 from 88.3 in January. Mentions a report on its 88.3 days from London, Ont. (Ross?) (Elving)
IA KAIA 93.9 Mason City, Box 1300, zip 50401. short letter from Tim Fleming, Operations Manager. (Elving)
WI WECL 92.9 Elk Mound, 5149-D Old -Mill Plaza, Eau Claire, WI zip 54703. Dave Dee, Creative Director, send letter saying my "sighting" is "remarkable, as we are very low power at just 3,000 watts." (Elving)
TX KJAK 92.7 Slayton, P. O. Box 3890, Lubbock, TX 79452. Letter from Woody Van Dyke, General Manager mentions being heard in Medicine Hat, AB. Also send tee-shirt, a Carman tape, pen & bumper sticker. (Elving)
WI WWIS 99.7 Black River Falls, P. O. Box 277, zip 54615-0277. Nelson Lent, Manager send letter mentioning it was also heard in Williamsville, NY & send a copy of Greg Coniglio report. (Elving)
AL WMBV 91.9 Dixon Mills, Box 91.9, zip 36736-0199. PRC QSL back in 1 month. (Ross)
AL WEGL 91.1 Auburn, 116 Foy Union, Auburn University, zip 36849-5231. PFC & letter in 1 month from Brian Wingfield, CE. (Ross)
KS KSAJ 98.5 Abilene, Box 69, zip 67410. PRC & sticker in 2 weeks from an unreadable signer, CE. (Ross)
PA WTLR 89.9 State College, 2020 Cato Ave, zip 16801. PFC & lapel pin in 2 weeks from Gary Sutley, General Manager. (Ross)
LA KLSU 91.1 Baton Rouge, La. State University, zip 70803. PFC & bumper sticker from Keith Stokes, CE in 1 month. (Ross)
PA WORD 104.7 Pittsburgh, 7 Parkway Center, Suite 625, zip 15220.



Telesistema Hondureño



SAN PEDRO SULA

PFC & bumper sticker in 1 1/2 months from Randy Dietterich, CE. (Ross)
TX KSJT 107.5 San Angelo, PFC in 1 month from George M. Reyes, CE. (Ross)

TX KTTX 106.1 Brenham, Box 1280, 77834-1280. PFC & bumper sticker in 1 month from Mark Whitehead, CE. (Ross)

TX KXTN 107.5 San Antonio, 1777 Northeast Loop 410, Suite 1400, zip 78217. PFC & sticker in 1 month from Bret Huggins, CE. (Ross)

TX KEOM 88.5 Mesquite, 2500 Memorial Parkway, zip 75149. PFC & letter in 1 month from James Guffin, Station Direction. (Ross)

KS KZNA 90.5 Garden City, 210 North 7th, zip 67846-5519. Letter from Ron Engeles, Program Director in 23 days for mint stamp. (Hall)

CO KSPZ 92.9 Colorado Springs, 615 East Brookside, zip 80906. Letter from Randy Hill in 26 days for mint stamp. (Hall)

NE KJLT 94.9 North Platte, 210 South Bailey, P. O. Box 709, zip 69103-5515. Letter back in 27 days for mint stamp. Also send program guide. Mentions that they just when FM about 1 1/2 years after 40 years on the AM dial at 970khz. (Hall)

CO KCFR 90.1 Denver, 2249 South Josephine Street, zip 80210. Letter from an no-name person in 23 days for mint stamp Also send bumper sticker, and mentions sister station KPRN 89.5 in Grand Junction, CO. (Hall)

TX KWTX 97.5 Waco, O. O. Box 2636, zip 76702. Letter back in 14 days from Dave Christopher, Operations Manager/Program Director. (Hall)

TX KZPS 92.5 Dallas, 15851 Dallas Parkway, Suite 1200, zip 75248. Letter from John Larson, Program Director in 14 days for mint stamp, and also send an fringe magnet. (Hall)

CO KKCS 101.9 Colorado Springs, P. O. Box 39102, zip 80949. Letter from Hillarie K. Ryals, KCS Promotions Intern who mentions "that's terrific that you picked up all the way in Ontario! By the way, what is DX-ing? I haven't heard of that before." (Hall)

KS KGLS 93.1 Hutchinson, 1120 North Halstead, zip 67501. Letter from Paul Harris, Program Director in 16 days. (Halls)

CO KSSS 99.9 Colorado Springs, 2864 S. Circle Dr., Suite 150, 80906. Handwritten letter from Ric Morgan, Program Director in just 8 days. (Hall)

FL WOLL 94.3 Riviera Beach, 100 West Blue Heron Blvd., zip 33404. Letter & business card from Fred North, Program Director & Paul E. Burt, CE who mentions power of just 2.85kw erp from only one bay ERI antenna at 470 haat. (Hall)

TX KSCS 96.3 Forth Worth, One Broadcast Hill, zip 76103. Send back an FORM-LETTER QSL from Calay Steely, CE in 28 days. (Hall)

ON CFMX 96.3 Cobourg, 884 Division Street, zip K9A 4JP. Letter from Bill Dulmage, News/Public Service Dept. (Dunne)

Honduras Canal 3 Tegucigalpa, Telesistema Hondureno, S.A. de C.V. Telex 1126, HOC5 Hondurax, CA. Letter all in Spanish from Lic. Annamaria Villeda De Kafati, title of Sub Genente General. An sort of qsl concerning my reception of 7-28-92, back in 50 days. (Dunne) look for logo copy this month.

TX KCDU 107.5 Dallas, 5956 Sherry Lane, Suite 2000, zip 75225. PFC & letter back in 3 months from W. R. Ryan, CE. (Ross)

ONT CIMJ 106.1 Guelph, 75 Speedvale East, zip N1E 6M3. PFC & letter from Joe King in 3 weeks. (Ross)

OH WKKY 104.2 Geneva, 95 West Main St., zip 44041. PFC & letter in 1

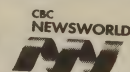


**GLOBAL
TELEVISION
NETWORK**

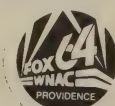
CANWEST GLOBAL SYSTEM



**The
Weather Network
MétéoMédia**



CBC NEWSWORLD
CANADA'S 24 HOUR NEWS NETWORK



33 PINE ST.
REHOBOTH, MA 02769



**CROATIAN RADIO & TELEVISION
CROATIAN RADIO ZAGREB
HRVATSKA RADIO TELEVIZIJA
HRVATSKI RADIO**

month from Arnold Barnard, CE in 1 month. (Ross)

TN WLMT ????? fm freq. or tv channel Memphis, Letter & coverage-map from Tom Theilmann, Tech. Supervisor in 10 days. (Ried) please id info

RI WSBE ??? fm freq. or tv channel Providence, 50 Park Lane, zip 02907-3145. Letter from Robert W. Knott, CE who mentions xmtr is in Johnston, RI. (Reid) please id info

RI WNAC 64 Providence, 33 Pine St., Rehoboth, MA zip 02769. Letter from Charles Breeding, CE in 3 weeks. (Reid) this is tv qsl?

Reporters this time are: Robert Ross, Bruce Elving, Bruce Hall, Christopher Dunne & Mike Reid. I hope my readers & qsl reporters when they report stuff, please give as much information about the qsl as possible. I had to return one member qsl report because of no fm frequency or tv channel date reported, along with no mailing address. I don't have an copy of the latest WRTH, Broadcast Yearbook or other address books, so double check your report before mailing one next time. Well, that's all the qsl items I have to use. Please send some in! Not much here to use, just some FM Logos, and TV Logos. Sorry I missed a few issues, but I had an problem with the hard drive when I tried to use Stacker program, which messed up the hard drive, and had restore everything again! So, 73's

KHAK
98 FM 1360 AM

THE CENTER
Suite 450
425 2nd St. S.E.
Cedar Rapids, Iowa 52401
319-365-9431

2
KWGN-TV DENVER

2
WCBS-TV NEW YORK

2 KTVU

FOX 13

KWWL 7
Iowa's News Channel

1370 AM 69 FM

FOX KSTU 13
SALT LAKE CITY

9 KUSI-TV 51
P.O. BOX 719051
SAN DIEGO, CA 92171
Fax No. 619/571-4852

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AN NBC AFFILIATE

93.7 KPRO
Tucson's Only Hit Music Station

bctv

kfjm

F M 8 9 • A M 1 3 7 0

Devils Lake FM 91.5 Thief River Falls FM 88.3

KMGH 7

WBNG-TV 2

61
WTIC-TV

WPTV

KCPQ 13

12 KBMT

KOKI-TV
TULSA

HSC HOME SHOPPING CLUB
6 & 68
THE SHOPPER'S HOME VOUCHER STORE

WSM

WSM, AM-FM
2644 McGavock Pike
Nashville, TN 37214
Phone (615) 889-6595

WGGB-TV 40

XIX
WISN-TV MILWAUKEE

WPMT 43

FOX

FOX

PHOTO-NEWS WTFDA

MAILING ADDRESS:
PHOTO-NEWS
12284 Nice Road
Akron NY 14001-9529

DECEMBER 1992

Robert Kramer -
Chicago Illinois has
more of his midwest
DX fotos this month.
His equipment: 1978
RCA 19" b&w, Sony
19" color set,
Mitsubishi HS-422UR
stereo VCR. Archer
U-120 UHF Yagi at
68', Archer V-185
10g periodic at 58';
both antenna fed
with RG-11 coax, 3
Archer adjustable
preamps model
15-1113A, Alliance
HD-73 rotor. Camara
equipment: Ricoh
XRM 35mm loaded
with Kodak T-Max
400 b&w film.

KENW-3
Portales
New Mexico

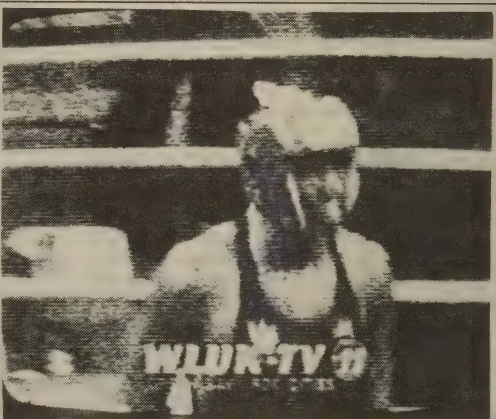
1004 mile
E-skip

seen
July 28
1992

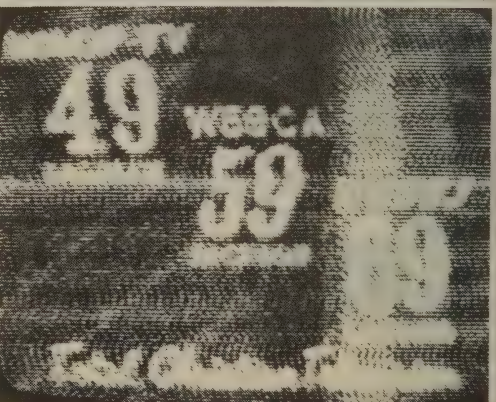
at
2100 CDT



W40AN
Escanaba, Michigan
288 mile tropo
seen August 7, 1992
at 0050 CDT
translator of
WLUK-11
Green Bay, WI

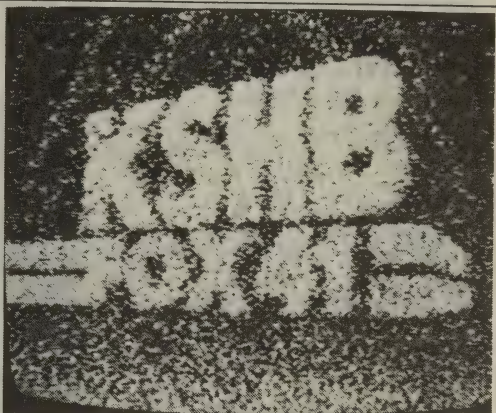


W59CA
Jackson, Michigan
173 mile tropo
seen August 7, 1992
at 0430 CDT
translator of
WAQP-49
Saginaw, MI



Robert Kramer's foto file continued....

KSHB-41
Kansas City, Missouri
424 mile tropo
seen August 9, 1992
at 0000 CDT



KXLI-41
St. Cloud, Minnesota
414 mile tropo
seen August 9, 1992
at 0400 CDT



KSAX-42
Alexandria, Minnesota
475 mile tropo
seen August 9, 1992
at 0400 CDT

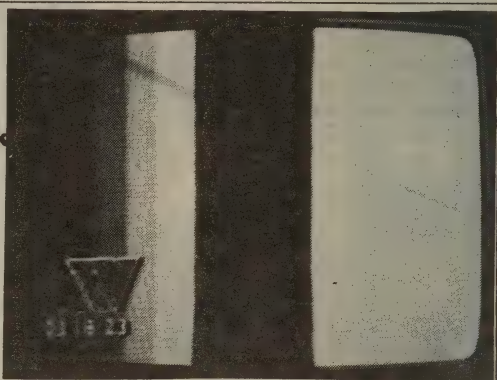


the rest from Bob next month.

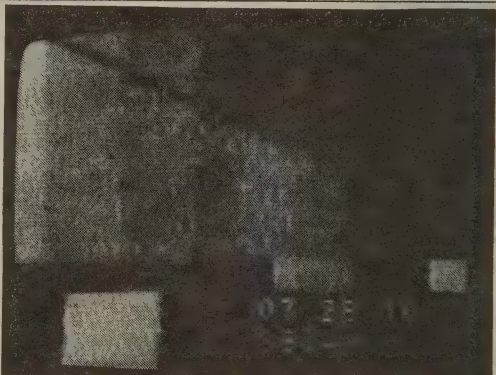
Jeff Kadet-Macomb, Illinois is our next reporter.
 Equipment: ICOM R7000 with video adapter; Zenith L1310, N1310, Y1310 13" color sets; five 9" to 12" b&w Zeniths for E-skip (all sets circa 1979-1982). Screened Channel Master (CM) 7' dish & UA-900 preamp, .5 aluminum hardline up 85'. CM 1110 with PA-1975 preamp, .5 aluminum hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 up 18'.

CKLT1-3

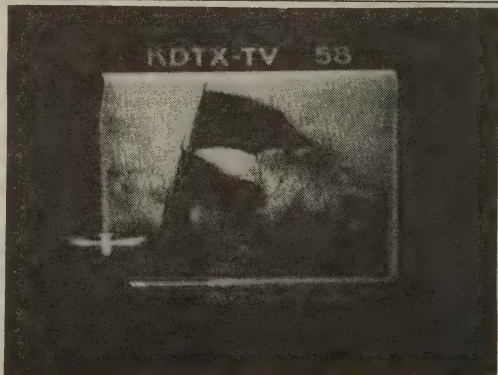
Woodstock, New Brunswick
 1226 mile E-skip
 seen June 8, 1992
 at 0118 CDT

**CBHT-3**

Halifax, Nova Scotia
 1398 mile E-skip
 seen June 8, 1992
 at 0128 CDT

**KDTX-58**

Dallas, Texas
 645 mile tropo
 seen June 16, 1992
 at 2300 CDT



more from Jeff next month.

Wishing everyone The Best of Holidays, DAVE

WESTERN TV-DX

Fred McCormack
PO Box 65666
St. Paul MN 55165-0666

(612) 735-6860

December 1992

Deadline: 01-07-93

Cut-off: 10-01-92

A relatively small amount of TV-DX was noted in October. 500+ mile tropo was seen by Jeff Kruszka on the 13th, 14th, and 25th and on November 2nd. Bill Draeb had tropo to 635 miles on the 6th. Mike Parks noted Minnesota translators out to 176 miles on the 1st. Bill Draeb also noted E skip on November 3rd.

Seasons Greetings to all and Best Wishes for a Happy 1993. Thanks to everyone who has been supporting Western TV-DX. I look forward to your continuing input and welcome reports from everyone in the Western region. Keep me busy!

New _____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // Scrambled - # MTS Stereo - \$

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CDT

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (Winegard 8100?) with Winegard PA-4975 preamplifier, RG-11, at 40 feet.

August 1992

1 Es 1130-1854 spotty (MUF 98.7 - CO)	20 tr 2320 WOAC 67 OH 480 WSFJ 51 OH 435 (Apparent WTVE CCI)	21 tr 2030 WNEO 45 OH 510 WEAO 49 OH 470 2051 WGTU 29 MI 410 CIII29 29 ON 465 2200 WQLN 54 PA 560
4 tr 0502 K44DO 44 MO 190 (Osage Beach KNLJ-25) KTBO 14 OK 500 some OH UHFs	21 tr 0011 WOLft 38 PA 0036 WPTT 22 PA 570 WNEO 45 OH 510 0054 WYOU 22 PA 770 0110 WKBS 47 PA 640 0121 WFMJ 21 OH 525 0128 WLEF 36 WI 380 0135 CITY 57 ON 615 CITY2 31 ON 540 0140 WAKC 23 OH 475 0153 WXTV 41 NJ 870 0200 WNEP 16 PA 770 0204 CFMT 47 ON 615 CIII41 41 ON 615 0210 WNJUt 47 NJ 0214 WICU 12 PA 560 0227 WSYT 68 NY 760 0230 WHSE 68 NJ 870 0410 WKBN 27 OH 525 0424 W64AK 64 OH 525 (Conneaut w/WOAC-67) (Normal WVIz viaW67AL)	23 tr 0210 Strong MN 11,23, and 29 0217 WIRTt 13 MN (CCI only- WHO) Es 0815 WPBT 2 FL 1165 WTJV 4 FL 1165 tr 2000 WQExt 16 PA (CCI only- WNDU, WTJR off air) 24 tr 0550 LaCrosse Us 240 WLEF 36 WI 380
5 tr 0512 W24AW 24 IN 200 (Valparaiso ANC) Detroit UHFs 410 0533 W43AV 43 WI 215 (Waukesha MST) @WBGU 27 OH 355 0550 W45AG 45 IN 290 (Fort Wayne VJN)		
Es 1229 XEFB 2 NL 1160 1230 XET t 6 NL ("Super Cadena") tr 2025 KHIN 36 IA 250 (Snow free) KHNE 29 NE 390 KBSHT 7 KS (CCI only)		
19 tr 0100 W29BG 29 IL 95 (Decatur TBN) 0106 K29CF 29 MO 225 (Kansas City VVN) (See Note # 1) 0241 Cleveland 19,43, and 61 470 0540 WNEO 45 OH 510 00 tr 0225 W57BJ 57 WI 300 (Green Bay TAB) 0238 W38BK 38 IN 245 (Evansville TBN) 0530 WAAV 31 AL 455 K64DT 64 MO 130 (St. Louis VVN) (See Note # 2) 2320 WPGH 53 PA 555	0432 WLVIt 56 MA (0 kHz-WTVS-56) 0447 WUHFt 31 NY (0 kHz-WBSX-31) 0516 WVIA 44 PA 770 0540 WUNED 17 NY 630 WQLN 54 PA 560 (Near snow free) 0610 W44AG 44 PA 560 (Erie TBN) CCI on ch 66 CBLFT8 61 ON 555 Es 2017 CFSK 4 SK 1100 2029 CFQC1 3 SK 1150 CKCK 2 SK 960 tr 2030 CBLN 40 ON 505	September 1992 12 tr 0500 some MN UHFs some north AL Us WTO 21 AL 525 (21- not 21z) 1940 WMPN 29 MS 570 WDBD 40 MS 565 CBLN4 45 ON 540 WNEO 45 OH 510 2110 WMCF 45 AL 610 (TBN 205 phone#) WBMG 42 AL 525 2116 WAIQ 26 AL 605 2240 WEIQ 42 AL 695 2310 WHLT 22 MS 630 2350 WMAW 14 MS 580 (Blasting in) 2356 WMPV 21 AL 700 13 tr 0002 KADNT 15 LA 0038 WTKO 11 MS 570 (Over KPLR) 0041 WSYT 68 NY 760 Toronto Us 620 0058 CICO## 55 ON (Where?)

Frank Merrill (continued)				13 tr 0510	WEOA 49 OH 470	13 tr 0153	WKBN 27 OH 525
					WNEO 45 OH 510	0200	WNYB 49 NY 645
13 tr 0130	WGBC 30 MS 570			0525	WVIA 44 PA 770	17 tr 0620	Virginia 47, 52
0137	KMCT 39 LA 555			0534	WKBN 27 OH 525		WGGT 48 NC 665
0155	WDCA 20 DC 725			0540	WTRF 7 WV 520		(CCI to WCET-48)
	(HSS)			1430!	CBLN4 45 ON 540		WKSO 29 KY 385
0215	@CIC018 18 ON 505			2110	WNEO 45 OH 510		(Snow free)
	@CKCO 13 ON 550			2330	=WSYT 68 NY 760	0623	WJZY 46 NC 625
	(Strongest ever)				(See Note # 3)	0645	WKHA 35 KY 460
0239	CHCH 11 ON 590	14 tr 0029			WOLft 38 PA		(Very rare)
0259	CI1127 27 ON 685	0049			WJET 24 PA 560		
0510	WPTT 22 PA 570	0053			WUTV 29 NY 625		

Note # 1 - It's rather ironic that, after trying for this all year, I'd finally get it six minutes after I noticed this very interesting channel probably "ruined" for good. Thank you, ICOM audio separation!

Note # 2 - Their video was full of hash and their audio had a loud buzz. Jeff Kadet had noticed this same problem for several weeks. Apparently their satellite dish has been off its target.

Note # 3 - Really bizarre conditions! This, Canadian cci on channels 40 and 45 (light), and light WPTT-22 cci, were the ONLY unusual things noted at this time! Apparently, I was 150-200 miles west of the actual end of the tropo and none of the ensuing September 14th stuff was very strong. I was on the phone at the time with Rob Kramer who was getting WVIT-30 Connecticut in Chicago, and I believe this was also the date of Ed Phelps' stunning tropo into DEEP Ontario. Am looking forward to reading about this in the November VUD. Actually, I may be confusing WVIT/Ed Phelps with the August 21st opening, but I don't think so. It was also one of these two dates when Paul Mount in Lincroft, New Jersey had WWIS-99.7 Wisconsin (over 900 miles) "trop in" on him.

The September 12-13 opening was indeed a welcome one! All in all, a lackluster season, but what DX was there tended to be unusual. I haven't yet done my annual "E skip season summary" to determine the most common E skip visitors, but some true surprises are guaranteed there, especially on channel 3. Look for it next month.

I hope you all enjoyed the very few, but often spectacular, openings of this season. A Merry Christmas and great Holiday season to all of you! 73.

(CICO on channel 55 was probably CICO-TV-92 at Cloyne. fm)

Jim Dietrich, PO Box 88, Derby KS 67037

COT

Equipment:

Samsung 5" black & white Model TB-0550 with outboard IF filter, HB 10' dish at 20' with RDX Labs UA-900 preamplifier at feed.

September 1992

3 tr 0550 K78AZ 78 TX 320

(Matador KCBD-11)

4 tr 0550 K78AZ 78 TX 320

Signals under 400 miles were up and it was a surprise to catch one of these high end stations. Usually, I don't even tune up there. Until they ID'd, I thought it was tuner overload except that the picture seemed too clean for that.

Hope the enclosed picture will print OK. (Picture has been forwarded to Photo News. fm). This 10' antenna is being tested here with the Channel Master feed. Total weight of the reflector is 25 lbs using 1/2" (0.71" actual od) steel electrical conduit, 1" chicken wire surface and wood "X" mounting. Design was with low weight and low wind resistance in mind. The inside mounting adds strength and provides a balanced mounting point. Plan is to leave it at 20' and see how it stands up to the winter weather, then build a 12' version using lightweight materials (aluminum). Does anyone know of any aluminum screening that is of similar dimensions to the 1" chicken wire?

By the way, the Channel Master feed works OK except that the VSWR goes up at the low end reaching 3:1 at channel 14. I'm presently using a proprietary design that maintains a 1.2 VSWR over the entire UHF band.

Happy holidays!

(Good luck with your antenna project. I'm sure your biggest challenge will be surviving the elements. fm)

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

Equipment:
Channel Master 1110 Quantum with Winegard PA-1375 preamplifier and RG-11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

August 1992			September 1992					
8 tr	2128	WTJR 16 IL 378	4 tr	0353	#K43DH 43 MN 129	17 tr	0028	KTTW 17 SD 258
		WHS� 46(MO) 493		(Austin	A&E)		0031	KTIM 12 SD 308
2134		WICS 20 IL 413	2338	WNIT	34 IN 402		0058	KTSD 10 SD 373
		KJMH 26 IA 322		WNDU	16 IN 402	24 tr	2346	K14-- 14 ?? 222°
2135		KSPR 33 MO 567		WSBT	22 IN 401		(Unknown	TBN)
2151		KMCI 38 KS 473		WHME	46 IN 404	25 tr	0002	KETV 7 NE 340
2152		KTAJ 16 MO 416	2340	KSHB	41 MO 453		0017	unid channel 34
2208		KCAN 8 NE 380		KYFC	50 MO 455		0030	KSNF 16 MO 587
9 tr	0001	KDEB 27 MO 568		KSMO	62 MO 451		0031	WICS 20 IL 413
	0002	WTVP 47 IL 357		Chicago UHF's		October 1992		
		KTKat 49 KS	5 tr	0012	KCPT 19 MO 451	1 tr	0207	K15CE 15 MN 144
		KSMO 62 MO 451		0215	WLS 7 IL 336		(Redwood Fils	CBS)
0003	#K45DF	45 MN 129		0217	WOIO 19 OH 599		(See Note)	
	(Austin	CBN)		0224	WILX 10 MI 429		K17BV	17 MN 144
	(Austin	TBS)		0229	WBSX 31 MI 462		(Redwood Fils	KITN-29)
	#K51CY	51 MN 129		WGKIt	33 MI		0208	#K21DJ 21 MN 144
	(Austin	USA)		0230	WJJA 49 WI 282		(Redwood Fils	TBS)
	#K53DI	53 MN 129		0231	WTLJ 54 MI 359		#K25DN	25 MN 144
	(Austin	SHO)			WGVkt 52 MI		(Redwood Fils	LIF?)
	#K55FJ	55 MN 129		0232	WUPW 36 OH 513		0212	#K34DB 34 MN 144
	(Austin	CNN)		0234	WEYI 25 MI 449		(Redwood Fils	MSC)
	(Over W55AP)			0238	WXMI 17 MI 384		#K39CH	39 MN 144
	#K57EU	57 MN 129		0240	WBBM 2 IL 336		(Redwood Fils	CNN)
	(Austin	LIF)		0242	WJMN 3 MI 262		0215	K60AO 60 MN 144
	#K61EU	61 MN 129		0247	WXON 20 MI 490		(Redwood Fils	KSTP- 5)
	(Austin	TNN)		0249	WUAB 43 OH 599		W64AC	64 MN 144
0004	KYFC	50 MO 455		0252	WJYS 62(IL) 349		(Redwood Fils	KTCA- 2)
0005	KPTM	42 NE 359		0300	WTLW 44 OH 519		K66BB	66 MN 144
0013	WEEK	25 IL 358		0301	WTVS 56 MI 490		(Redwood Fils	KMSP- 9)
	WMBD	31 IL 357			WQHS 61 OH 599		K68BJ	68 MN 144
	WDOI	19 IL 355		0305	=WGVU 35 MI 359		(Redwood Fils	KARE-11)
0028	KYOU	15 IA 307	6 tr	2346	KMTV 3 NE 340		0246	#K19CV 19 MN 144
0029	KDNL	30 MO 482		KETV	7 NE 340		(Redwood Fils	CBN)
0036	KYNE	26 NE 342	7 tr	0006	=KYNE 26 NE 342		0247	#K16CC 16 MN 145
0228	KNLC	24 MO 495		0009	KOLN 10 NE 403		(St. James	CNH)
				0019	KCAN 8 NE 380		0322	K56AH 56 MN 176
							(Windom	KMSP- 9)

Note - Rebroadcasting an unknown CBS station. No local inserts were seen. WCCO-4 did run some local ads, so not them. Most likely KDLO-3 or KELO-11. (You are correct, it is one of those two. I'm not sure which, but KELO-11 seems most likely. fm). There was no evidence of the terrible intermodulation problems reported by myself and others two summers ago.

(Regarding K25DN, Redwood Falls seen with possible Lifetime - I have seen it running Nickelodeon. fm)

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CDT/CST

Equipment: See November 1992 Western TV-DX

October 1992								
3 tr	1752	W54AP 54 IL 200	5 tr	1927	WEIU 51 IL 345	5 tr	2046	WHS� 46(MO) 445
	(Blue Island religion)			2022	@W54BE 54 IL 190		KNLCt	24 MO
4 tr	0728	KSAX 42 MN 385		(Sugar Grove	LPTV)		KDNLt	30 MO
	KRWF	43 MN 395		(See Note # 1)		2109	W30AL	30 IL 200
	KPTMT	42 NE		W54AR	54 WI 100		(Plano	LPTV)
5 tr	1748	W54AP 54 IL 200		(Fence	WPNE-38)		(See Note # 2)	
	1927	WUSI 16 IL 390		Iron Mtn	Us 100	6 tr	1830	Youngstown # 1,
	WVUT	22 IN 400		Rockford	33, 45,		27, 33, 58	420
					62, 68	1900	WNEO	45 OH 415

William Draeb (continued)

6 tr 1900	WPGH 53 PA 470	4 tr 1930	WWAT 53 OH 405	7 tr 0600	WGPR 62 MI 255
	WTVQ 36 KY 470	2003	WDLI 17 OH 400		(See Note # 3)
	Erie 24, 35, 54,	2026	WSFJ 51 OH 405	11 tr 2010	WLKY 32(IN) 430
	66 405		WYMT 57 KY 550		WDRB 41(IN) 430
	Akron 23, 55, 49		WSBN 47 VA 580	27 tr 2028	W54AP 54 IL 200
	380		WKON 52 KY 430		(s/off @ 2200)
	W64AK 64 OH 385	2036	WKLE 46 KY 480		W23AT 23 IL 200
	(Conneaut WVIJ-25)		WDRB 41(IN) 430		(Mokena LPTV)
	WSTR 64 OH 400	2045	WEMT 39 TN 635		(See note # 4)
	WOAC 67 OH 395		(4 bars - WFWA)		
	W67AL 67 OH 375		W54AP 54 IL 200		
	(Eastlake WVIJ-25)	2134	WPBO 42 OH 455		
	WMFDT 68 OH	7 tr 0410	Youngstown 21,		
1916	CIII41 41 ON 405		27, 33		
1930	WCET 48 OH 400		WKBS 47 PA		
	WKMJt 68(IN)		@WPGH 53 PA 470		

November 1992

3 Es 2015	KSNCT 2 KS
	KSWK 3 KS 840
	KCNCT 4 CO
	KLBY 4 KS 795
	(KAKE ID @ 2156)
	KWNGT 2 CO

Note # 1 - With large call letters - W54BE-TV 54". Also Morse Code ID at 2024 and 2101.

Note # 2 - Over WVCY - with phony call letters "WFXV".

Note # 3 - Carrying CBS "Good Morning". What's WJBK carrying?

Note # 4 - No longer VJN. Carrying Polish and Japanese programming. Phone numbers 312-588-6300 on screen during Polish programming and 312-588-0070 and phony call letters "KBC-TV" on screen during Japanese programming. (Perhaps this is an indication that W23AT has completed its move to Chicago? They have a construction permit for 12.3 kW from the Sears Tower. fm)

Also while watching TBN, mention was made of new TBN stations on in Janesville / Beloit on channel 19 (W19BH fm) and in La Crosse on channel 44 (W44BF fm).

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123 (504-733-8539)

CDT/CST

Equipment:

1992 Zenith "Sentry 2" 13" color TV (Model #S1318S). UHF: RDX Labs UA-900 preamplifier, Channel Master 4228A 8-bay @ 30". VHF: Rabbit ears and quad loops for channels 2 and 5. Mitsubishi HS-U31 VCR.

September 1992

14 Es 1722	unds 2,3 SS	13 tr 2243	KWEX 41 TX 498	25 tr 2121	KXLN 45 TX 319
29 tr 0629	WDBB 17 AL 294	2313	KBVO 42 TX 454	2235	KTFH 49 TX 316
0650	WHOA 32 AL 286	2328	=KMBH 60 TX 533	26 tr 2157	WDHNT 18 AL ABC
		14 tr 0518	WHLMT 30 TN 360		

October 1992

13 tr 0602	Houston UHFs	0525	und 54 weak		
	Beaumont UHFs	0551	WTWC 40 FL 357		
0611	KVDA 60 TX 490	0557	+KLRT 16 AR 361		
0631	KTBC 7 TX 454	0600	K62DW 62 LA 130		
0633	und 23 Spanish		(Lafayette CHA)		
0638	und 17 Spanish	0627	KRRT 35 TX 521		
0644	@KFW 52 TX 459	0654	@KFWD 52 TX 459		
	KETK 56 TX 336	15 tr 0630	WCOV 20 AL 283		
0646	KXAN 36 TX 454	18 tr 1030	KLRT 16 AR 361		
	KRRT 35 TX 521	22 tr 2002	W39AT 39 LA 62		
0650	KTFH 49 TX 316		(Baton Rouge W19AW)		
0700	KUVN 23 TX 458	2130	K52CQt 52 LA		
0705	WIIQ 41 AL 216		(Baton Rouge LPTV)		
0712	K47DW 47 LA 179	2200	KXLN 45 TX 319		
	(Alexandria KADN-15)	2213	KHSH 67 TX 318		
0714	KDITX 58 TX 439	2225	KTXH 20 TX 319		
0738	@KHCE 28 TX 486	2233	K39BJ 39 LA 66		
0743	KOROT 23 TX SS		(Morgan City indep.)		
0836	KVUE 24 TX 454	2339	K65EF 65 LA 67		
0929	KNCI 46 TX 448		(Baton Rouge W19AW)		
0950	KTVE 10 AR 247		(See Note)		
2235	KVEO 23 TX 534	25 tr 2000	WKCF 18 FL 537		
		2017	KTMD 48 TX 303		
		2059	WCJB 20 FL 467		

November 1992

2 tr 2200	K56DR 56 LA 70
	(Baton Rouge TBN)
2237	WDHN 18 AL 303
2244	WXTX 54 GA 358
2304	=WGIQ 43 AL 308
2315	WTBS 17 GA 430
2339	XHAB 7 TA 526
2349	KWEX 41 TX 498
2354	W3Wst 66 AL
3 tr 0000	=WPBA 30 GA 434
0021	WSFA 12 AL 276
0025	WATL 36 GA 434
0031	WGNX 46 GA 434
0036	WXIA 11 GA 432
0054	WMGT 41 GA 435
0100	=KNVO 48 TX 465
0103	WBMG 42 AL 315
0106	WVEU 69 GA 430
0111	KVDA 60 TX 490
	WTJP 60 AL 345
0128	WMCF 45 AL 290
0157	WABM 68 AL 310

Jeff Kruszka (continued)

Note - I called the station ("WBTR"-19) and was told that the channel 65 is a studio to transmitter link. I didn't think these broadcast on UHF. Is this possible? (This one is not official as an STL, but it is certainly possible in practice. I note that K65EF is located at Foster & Hermitage Drs, near the W19AW studios, while W19AW is located at One American Place, a distance of about two miles. fm)

Well, I finally decided to get serious about upgrading my DX setup. As you can see, I've done pretty well with the new TV, UHF antenna and preamp. I'm really pleased with it! The opening on 11/2 was fantastic - Atlanta to McAllen - Wow! It was the first opening for me to Atlanta - just about cleaned up there, too. Log total now up to 252.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT/CST

Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer
Golden-U UHF Indoor Antenna (2 bow-ties).

October 1992

11 tr 0920 KYCFT 50 MO
0929 KSMO 62 MO 410
KCPT 19 MO 410
0959 KYNE 26 NE 295

November 1992

11 tr 2128 KTYN 21 IA 160
KYIN 24 IA 105
KSIN 27 IA 235
KRIN 32 IA 190

11 tr 2128 KHIN 36 IA 270
2330 WGBA 26 WI 250
12 tr 0158 KPTM 42 NE 310

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DECEMBER 1992

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, WV & WY. **MERRY CHRISTMAS**

NOT MUCH DX GOING ON IN THE SOUTH EXCEPT FOR THE FLORIDA PANHANDLE.

Matt Sittel, 603 Fulton Rd., apt. B-24, Tallahassee, FL 32312

Equipt.: Yamaha TX-900U with modified filters, rabbit ears

10/6 tr		10/22 tr	
0744 WSTR 94.1 GA Smyrna, "Star 94"	235	0756 KQKX 106.5 TX Galveston, "Tejano 106"	634
0748 WABE 90.1 GA Atlanta, calls	226	0758 KZFX 107.5 TX Lake Jackson	676
10/14 tr		0835 WZAT 102.1 GA Savannah, "Z102"	219
0750 WKJN 103.3 LA Hammond, "Cajun 103"	367	10/23 tr	
0755 KQXL 106.5 LA New Roads	425	0329 WYOC 104.9 FL High Springs, calls	111
0759 WRBH 88.3 LA New Orleans, ID	349	10/25 tr	
0759 WRKF 89.3 LA Baton Rouge, ID	410	2154 WRRX 97.7 FL Micanopy, "97X"	138
0849 WEZB 97.1 LA New Orleans, "B97"	349	10/26 tr	
10/15 tr		2259 WZKX 107.9 MS Poplarville, ID, WPFM off	312
0515 WOKK 97.1 MS Meridian, "97 OKK"	290	2301 WEZB 97.1 LA New Orleans	349
0659 WBHM 90.3 AL Birmingham, ID	256	10/27 tr	
0659 WMAH 90.3 MS Biloxi	273	0852 WLRQ 99.3 FL Cocoa, "Lite Rock 99.3"	260
10/16 tr		0857 WPIO 89.3 FL Titusville	246
0740 WRMF 97.9 FL Palm Beach	368	0900 WLMS 88.3 FL Lecanto, ID	154
0744 WXOF 97.1 FL Beverly Hills, "Country Fox"	157	1959 WLMS 88.3 FL Lecanto, ID, re-logg	154
0759 WTLG 88.3 FL Starke, ID	141	11/4 tr	
10/19 tr		0801 WPIO 89.3 FL Titusville	246
0721 WIMY 102.7 FL Madison, "V103", s	53		

A couple of nice openings, but not as much DX as in the first two reports from Tallahassee. The duct into the Houston area was a surprise, as nothing on TV indicated such an FM opening. On 10/14 FM from as far as Baton Rouge came in, yet TV was much better, with San Antonio area seen. Hope everyone has a nice holiday season. 73's.

Gus Mancuso 6515 Inwood St., Cheverly, MD 20785 301-773-3072

11/4 tr

1740 WMYJ 106.5 MD Pocomoke City, local ads, refs (null on WMMX)
0810 WLYK 100.1 VA Lynchburg, Roanoke refs, ads, weather, ("K-100")

Cold front enhancement. Front was at optimum distance during early morning hours, so did not coincide with post sunrise trop, which would have maximized combined effect as was the case on 9/18. WLYK coming in almost as strong as much closer WYFJ.

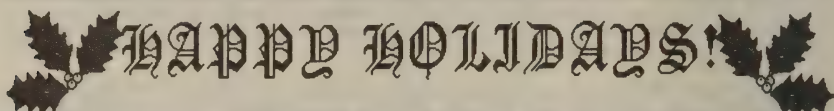
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NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

DECEMBER 1992 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed



BILL KRETSCHMER - 10 SPENCES TRACE - E. HARWICH, MASSACHUSETTS 02645

Equipment: G.E. Superradio II modified, telescopic whip

SEPTEMBER 14, 1992 Tr

- 1820 **CBHY** 92.1 NS Yarmouth, news/talk
- 1821 **CBAF8** 100.9 NS Weymouth, French talk
- 1822 **WXOD** 98.7 NH Winchester-Keene
- 1823 **CBZ** 101.5 NB Fredericton, CBC, opera
- 1825 **CKBW** 93.1 NB Shelburne, ac
(over Portland, Maine)
- 1826 **WKSQ** 94.5 ME Ellsworth, over WZOU
- 1830 **WCME** 96.7 ME Boothbay Harbor
- 1833 **WWEM** 96.7 ME Rochester, Mix 96.7 seacoast
- 1835 **CBH** 102.7 NS Halifax, Talk
- 1840 **WBLM** 102.9 ME Portland, over WPXC local
- 1842 **WDME** 103.1 ME Dover
- 1845 **CKDY1** 103.3 NS Weymouth, over WODS
- 1847 **CBAF1** 102.3 NB Fredericton

WBLM, 102.9

100,000 WATTS BANGOR TO BOSTON

September 14 tropo

- 1848 **CKHI** 105.3 NB Fredericton, KHI
- Country
(a new translator on the air perhaps? -gc)
- 1851 **WOCB** 106.5 ME Brewer, country
- 1900 **CIOO** 100.1 NS Halifax, AOR, good!
- 1910 **W...** 99.1 ME Bar Harbor, Maine's New-
est county Lucky 99, over WPLM (I know
this is the location, don't know the calls tho-gc)
- 1934 **CNYC** 98.9 NB St. Johns, C98 over WCLZ
- 1939 **CHYM** 96.7 ON Kitchener, Tri-Cities, AOR
Chime-FM, ID said Kitchener! (nicel-gc)
- 1941 **WRUT** 97.1 VT Rutland, Z-97
- 1943 **WTSN** 96.7 VT Brattleboro, Mix w/ CHYM
- 1946 **CBAF5** 92.3 NS Halifax, no WPRO
- 1950 **WPBC** 92.9 ME Bangor, no WBOS
- 1953 **WPST** 97.5 NJ Trenton, null WOKQ

Well it's great to be back in the dub! Hope all is well with everyone. I've experienced my second super trop opening on September 14-15. In mid-August Norfolk, Va. to Atlantic City, N.J. FM's were in strong! Reading past VUD FM coastal reports of up to 600 miles seemed ordinary until I experienced it myself! Back in Syracuse, average Tr ducting occurred three days a week across Lake Ontario (200 miles). It appears ocean coast ducting here brings in signal levels much, much stronger than inland ducting (I've noticed that too-gc). At time Nova Scotia and Maratime FM's were so strong they washed out locals! I monitor DX on 92.1 MHz. If ducting starts either 'up the coast' or 'down the coast' I listen for WLNG Long Island or CBHY Yarmouth, NS. Another comment: I used to get WCOD Cape Cod (315 miles) and Boston FM's fading in and out in Syracuse, but on the Cape, points west of the Berkshire Mountains (150 miles) are not received. I'm wondering if airplane reflection caused this back in Syracuse. Air traffic is very quiet here. That's probably why Providence and Boston (75 miles away) are received as semi-locals with little fading, but weak enough nulls to chase DX. (Perhaps to get such inland to coast paths you need a very tall tower, such as you had in Syracuse. Height may even be more important where you are now since you are so low? -gc). 73! Hot DX tomorrow!! Bill (Bill, welcome back to the dub. We hope to hear from you often!-gc)

STATION NEWS: Two big changes in Dallas. 94.9 is now KSNB and country. 106.1 (Denton) is going back to the format and slogan it abandoned October of 1987: top 40 and "106.1 Kiss FM" Calls are different this time though: KHKS. Both WJET 102.3 Erie, and WHOT 101.1 Youngstown, Ohio have returned to mainstream or slightly adult leaning top 40 after brief tries at album rock. The infamous KIIS-FM "Kiss" FM Los Angeles has moved in more of an adult direction. 103.1 in Santa Monica, Calif. is now jazz. WAPW 99.7 Atlanta is rumored to be going to modern rock. CHIN 100.7 Toronto has upgraded its power supposedly to 8 kw. I have noticed them stronger in Western New York, so perhaps the change has already taken place. WKYK Geneva, Ohio is still on 104.9. WBUF 92.9 Buffalo has dropped the "Mix 92.9" slogan it had since April 1991, just using its calls now, and a slightly softer a/c approach. Another change to report in Dallas-Ft. Worth: KCDU 107.5 is no more. That station has taken up the KOAI jazz format vacated at 106.1 (see above). In Atlanta, WAPW 99.7 has gone to modern rock "99X". WFLI 93.1 Lima, Ohio is on the air, with country, and a "Froggy" slogan. Thanks Bob Zent (see his report). Metro Philadelphia has a modern rock station now, as WIBF 103.9 Jenkintown switches from ethnic to that format. KFMQ 101.9 in Lincoln, Neb. has gone to "Young Country". Thanks Paul Mount.

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.
 *Denotes use of phase box.

September 1992

12 tr (CDT)		25 tr (Sept. cont'd)	
2000*WOUH 91.9 OH Chillicothe, j\$	140	0821 KLQL 101.1 MN Luverne, ad, k\$	606
(o/WFPK 91.9 KY Louisville)	134	0827 KIAI 93.9 IA Mason City, k\$	453
13 tr		27 MS	
2300*WAFR 88.3 MS Tupelo, g\$	448	0131 KLOL 101.1 TX Houston	915
(o/WNIN 88.3 IN Evansville)	193	October 1992	
2327 WODZ 94.3 TN Germantown, o\$	428	17 MS	
14 tr		0200 WTLR 89.9 PA State College	397
0011 CBCE 98.7 ON Owen Sound, wx mono	379	22 MS	
(found by rear of antenna), s/off, #2100		???? WSVH 91.1 GA Savannah/Tifton	610
0121 WDKR 94.3 IL Golconda, k\$	264	31 tr (EST)	
18 tr		0126*WUSI 90.3 IL Olney, j\$	175
0127*WFGF 98.7 MI Grand Rapids, c\$	193	(o/WBCL 90.3 IN Fort Wayne)	62
(o/WFMT 98.7 IL Chicago)	165	November 1992	
24 tr		4 MS	
2200*WFGI 93.1 OH Lima, k\$,	79	0057 KOSI 101.1 CO Denver	1040
(o/WKLR 93.1 IN Indy) "Froggy-93"	50	???? WNOE 101.1 LA New Orleans	755
(Most of IN does not observe DST)		6 tr	
(All DX recorded on tape as usual)		2000*WZZP 95.1 IL Kankakee, rp\$	145
		(o/WAJI 95.1 IN Fort Wayne)	62

Meteor Scatter Results:

S 27 KLOL "...KLOL..."	N 4 KOSI "...Thank you, Colorado.
O 17 WTLR "...In Central Pennsylvania WTLR	Burt Toyota, Colorado's number one
broadcasts to over one hundred communities	Toyota dealer wants to thank you for
with life saving news and faith..."	making them the number one Toyota
O 22 WSVH "...four minutes on Peach State	dealer in Colorado..."
Radio..."	WNOE "...51 degrees in the French
(Very poor meteor scatter reception here)	Quarter at Country-101..."

As one can see from this report, the month of October was a disaster! Simply no DX whatsoever. Be on the lookout for the December 10-14 meteor showers. The Geminids have been known to be outstanding in previous years.

I recently traded cars and now have a 1987 Toyota Camry. The selectivity on the digital radio is not as good as I'd like. Perhaps filters can be changed to improve this. However, the sensitivity is very outstanding. For instance, it is not unusual on an open frequency such as 89.9 to hear the following stations even under dead conditions: WSOF Madisonville, KY (228), WCBU Peoria, IL (225), WVWV Huntington, WV (199), and CBE Windsor, ON (191). On 91.1 I was surprised to hear the new WTKC Kankakee, IL (145), on the car radio giving I-57 information and Kankakee events. WTKC now has a \$tereo light on, but is in mono.

The new WZZP 95.1 Kankakee, IL is on the air simulcasting WZNF 95.3 Rantoul, IL and WZNX Arcola, IL. Andy Bolin of Charleston, IL noticed that the satellite pickup between the 95.1 and 95.3 is one second delayed. Travelers on I-57 listening to 95.1 or 95.3 will no doubt experience some unusual sounds when one of these stations begins to slop over somewhere between Kankakee and Rantoul. When the new WZMF 94.9 Danville, IL comes on the air, they will be simulcasting the same thing. Then travelers will have three frequencies together broadcasting identical music.

It is unfortunate that more DXers haven't shown a real interest in purchasing and installing a second antenna and phase box. The hobby is certainly enhanced in a good tr or Es session, especially now that the FM band is so overcrowded with new stations signing on the air each month. Everyone would benefit from phasing. Yes, some of the stations received by phase might be found without phase in a "hot" tr opening, but why wait for that to happen? At the end of the year, I'll report the number of new stations heard in 1992. Then I'll determine what percentage of these new stations would have never been heard without phase.

Andy Bolin relates that 93.5 Tuscola, IL and 105.9 Marshall, IL have both gone balls up and are deleted. When 102.7 Terre Haute, IN comes back on the air it will simulcast with 106.9 Marion, IN and 95.3 Brookston, IN. Merry Christmas! 73-Ralph

BOB ZENT - 1835 FRUIT ST. - HUNTINGTON, INDIANA 46750

JULY 1992 DX

28 Es
0958 CBHA 90.5 NS Halifax 1380
1008 CIEC 96.5 NS Halifax, sun FM

30 Tr

0244 WSSD 88.1 IL Chicago, 10w. 120
0318 WHPK 88.5 IL Chicago 130
0400 WGSL 91.1 IL Loves Park

AUGUST 1992 DX9 Tr

0700 KIAI 93.9 IA Mason City 420
0704 KLSS 106.1 IA Mason City 420
0710 KLYF 100.3 IA Des Moines 415
0720 KGGO 94.9 IA Des Moines 415
0800 KUNI 90.9 IA Cedar Falls 370

SEPTEMBER 1992 DX5 Tr

0000 WCMM 94.7 MI Gulliver 350
0003 WIFC 95.5 WI Wausaw 240
0017 WMKC 102.9 MI St. Ignace 340
0037 KNXR 97.5 MN Rochester 405
0113 WAXX 104.5 WI Eau Claire 390
0137 WAIR 92.5 MI Atlanta 290
0205 KTIS 98.5 MN Minnpls 475
0215 WPKR 99.5 WI Waupun 250
0230 WFXD 103.3 MI Marquette 385
0323 KZIO 102.5 WI Superior 510
0359 KLSE 91.7 MN Rochester 405

SEPTEMBER 13 Tr

1303 WVMS 97.5 MS Oxford 480
2258 KGMO 100.7 MO C. Girardeau 330
2309 KHLS 96.3 AR Blytheville 410
2324 WDBL 94.3 TN Springfield 310
2332 WDXR 94.3 IL Golconda 300

14 Tr

0002 WMAE 89.5 MS Booneville 460
0015 WTNV 104.1 TN Jackson 400
0042 WAXM 93.5 VA Big Stone G. 315
0157 WEGR 102.7 TN Memphis 460
0240 WODZ 94.3 TN Germantown 460

20 Tr

0159 WIFX 94.3 KY Jenkins 290
0235 WKDP 99.5 KY Corbin 280
0300 WAXM 93.5 VA B. Stone Gap 315
25 GW

0100 WFGI 93.1 OH Lima, k.
"Froggy", (new to air) 75

KISS
102.7 FM

1559 West Fourth Street
Williamsport, PA 17701

I've had a very good summer for DX here. 48 new ones since the beginning of June. I took a couple weeks off and drove across country back in August. Stayed with friends in Burbank CA. FM reception is very strange out there. I was surprised at how poorly some of the LA FM signals were received in that general area. In fact, I could set in their driveway and get better reception from a couple of the San Diego stations, 120 miles away, even with my poorly selective car radio. I found Albuquerque to have the most interesting FM with translators all over the place. Some of those could actually be heard up to 50 miles away!! Not bad for 10 watts. Best wishes and a happy holiday season to everyone. 73s, Bob

GEORGE C. GREENE - 1527 SUNSET AVE - AKRON, OHIO 44301

Equipment: Macintosh MR78 tuner, Stereo Probe 9 approx 35' AGL, new are underlined.

SEPTEMBER 1992 DX13 Tr

2105 WBCT 93.7 MI Grand Rapids, c/w
2108 WBTU 93.3 IN Kendallville, right thru local
WBBG with country for Fort Wayne
2110 WKJF 92.9 MI Cadillac, oldies syndicated
2130 WMRN 106.9 OH Marion, thru local WRQK
(Yeah a good night for getting thru locals, hi)
with c/w as "Country 107"

14 Tr

after phone call from Paul Mount reporting reception from WI to NB, I hit the dials with good results, but nothing as distant as PRM had.

2108 WKOW 96.3 PA Oil City, oldies, sports promo
2025 WXTA 77.9 PA Edinboro, Country 98
2031 CKDK 102.3 ON Woodstock, cash call, AC
music and used "K-102" slogan
2042 WMXV 94.5 KY Lexington, bright AC music
20 Tr
2329 WKKJ 93.3 OH Chillicothe, country music
through local WBBG

2353 WPAY 104.1 OH Portsmouth, gospel and cntry
"Power Country 104", thru local WQAL Cleveland
2356 WBUK 107.5 OH Ft. Shawnee, oldies, then ID
at hour leaving off the official city of licensure

OCTOBER 1992 DX22 Tr

2245 CFCF 105.3 ON Kitchener, classical type mx
and spots for area, mixing w/WYHT Mansfield
also a good TV nite, and report to Bill accordingly.

Changes around here include WHOT-FM-Youngstown going back to a more mainstream top 40 format. In case you're wondering about the e-skip logged during the summer--NONE at all this year, as on the few days there was some, I always seemed to be someplace other than Akron!

98.5 KRZ
MORE MUSIC-MORE MONEY-MORE FUN

SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5 (416) 364-0725

OCTOBER 1992 DX

6 Tr (Toronto-Scarborough Bluffs)
2216 WKYK 104.9 OH Geneva, k
2220 WENY 92.7 NY Elmira, NESE network
2238 WCZ 97.5 NY Watertown, rp
2250 WDKX 103.9 NY Watertown
2350 WFRO 99.1 OH Fremont,
heard at Kingston Road
7 Tr (Toronto-Kingston Rd. near Bluffs)
0530 WDET 101.9 MI Detroit, NPR
0547 WJZZ 105.9 MI Detroit, j
0548 WQRS 105.1 MI Detroit, c
23 Tr (Bluffs)
(CJRT, CBL, CJEZ, CKFM, CFNY, CHIN, CILQ off!)
0216 WJET 102.3 PA Erie, Jet FM 102
0216 WRKT 100.9 PA N.East, Rocket 101
0220 WNGZ 104.9 NY Montour Falls, Wings 105
0222 WXTX 99.9 PA Erie, Classy 100
0226 WVAQ 101.9 WV Morgantown
0228 WSSZ 107.1 PA Greensburg, Z-107
0234 WMMR 100.7 OH Cleveland, Buzzard

October 23 tropo continued

0236 WHBC 94.1 OH Canton, HBC-FM
The New 94.1
0239 WKWK 97.3 WV Wheeling, Light
Rock, K-97-FM
0239 WDOK 102.1 OH Cleveland
0248 WKDD 96.5 OH Akron
0255 WAVT 101.9 PA Pottsville, T-102
0300 WJIV 101.9 NY Cherry Valley
0301 WEGW 107.5 WV Wheeling, The Eagle
0307 WJQZ 93.5 NY Wellsville, NESE net.
0315 WNWV 107.3 OH Elyria, Cool FM
(new calls?) (No, I don't think so-gc)
0319 WCRF 103.3 OH Cleveland, g
0320 WBRB 100.1 PA Bradford, Cool 100
0328 WQXX 94.1 PA Sunbury
0330 WFRJ 88.9 PA Johnstown, g
0341 CKDK 102.3 ON Woodstock
0350 WHPA 104.9 PA Hollidaysburg
0401 WRUW 91.1 OH Cleveland, reggae
0410 WYXL 97.3 NY Ithaca
0444 WKYK 104.9 OH Geneva

Comments: Was fun having most of my locals off during moderate to good tropo. Encore!!!
73's Saul

dbRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO N3T 1E2

Equipment: JVC JR-S201 Receiver w/3-110 filters, Kenwood KT1000 tuner w/1-110 filter, Sleuth 205 amp,
Probe 9 fed with RG6 at 50 feet AGL, Crown rotor (distances are in kilometers)

SEPTEMBER 1992 DX

27 Tr
0825 WKGW 104.3 NY Utica, r, KG104 410
0900 WRQK 106.9 OH Canton, r, "Rock 107
on QK, Canton, Akron" 273
28 GW
0659 CJBC 90.3 ON Toronto, tc, French
CBC, Ici Radio Canada 94
OCTOBER 1992 DX
6 Tr
0647 WODJ 107.3 MI Greenville, o, Oldies 107
jingle sung out, All Oldies Breakfast Club 438
0705 WMRN 106.9 OH Marion, k, "Hot Cntry
weather update", Country 107 367
8 Tr
0715 WTVG 97.7 MI Sandusky, FM97 and
local ad with mention of Sandusky. 209
0800 WBTF 101.7 NY Attica, k, "It's 8 o'clock at
Country 101.7 on your digital dial WBTF Attica
Batavia" I prefer an analog dial myself! 165

October 11 Tr

0943 CFLY 98.3 ON Kingston, Fly FM 329
0948 WESA 98.3 PA Charleroi, Class FM, more
music, more variety, a better mix from the 60's, 70s,
80s, and 90's". Is it me or does this slogan sound like
the majority in use now. Same old boring playlist &
slogans too. What happen to original ideas? 331
25 Tr. GW TRS
0049 CKAT 101.9 ON North Bay, Tom Cheek
announcing over a mesermizin' primal chant "Nixon
waggles the bat and waits. Timlin to the belt, the
pitch on the way and there is a bunted ball, first base
side, Timlin to Carter! And the Blue Jays win it! The
Blue Jays win it! The Blue Jays are World Champs
0710 CHEQ 101.1 ON Smiths Falls, k "Playing the
best and most cntry in the cntry" 395
0725 (CKKL) 93.9 ON Ottawa, \$, Cool FM new
calls and format. 446
0802 WBUF 92.9 NY Buffalo, rm\$, WBUF FM93
"Continuos soft hits all set to go and that is a guaran-
tee from the all new WBUF 93", no non ID now 116
1106 WKQW 96.3 PA Oil City, o, 96KQW 193

A mini-convention, (Greg Coniglio, George Greene), World Series clinch, MR78 comparison test with the JVC
JR-S201 (they were surprisingly similar-gc), sticker exchange, tape dubbing, and a new catch. What a weekend!
You're welcome back anytime. Thanks for sharing a 16 year old World Series dream. 73 dB

STATION NEWS: In Frederick, Maryland, WFRE 99.9 has gone to country. A new station on the air in
central New York: WTKW 99.5 Bridgeport (Syracuse) is on the air. They are country, stereo, and have
a slogan "TK99". In Little Rock, KKYK 103.7 goes to a more rock 40 type approach. WDDH 99.5
Reynoldsville, Pa. is on the N.E.S.E.network. NFL games on the FM dial: Look for the Buffalo Bills on
WWSE 93.3 Jamestown, and WUUU 102.5 Rome. I have also noted the Cleveland Browns on WRKT
100.9 North East, Pa. now, and on WCPZ 102.7 Sandusky. Check for the NHL's Pittsburgh Penguins
on WESA 98.3 Charleroi, and WEGW 107.5 Wheeling, Wva. Please share any information about FM
station running sports, it is a good DX tip to have. Also, CKMS Waterloo, Ontario is now on 100.3.
WCOU 88.3 Warsaw, NY is on the air with religion, on the "Family Life Network".

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: McIntosh MR78, 2 stereo probe 9's (Channel Master 4408)'s, 8 feet off ground for all Es, and KTTN logging, 40 feet off ground for all other Tr.

JULY 1992 DX

28 Es
0939 WRKS 98.7 NY New York, EBS test, ID 870
0955 WBGO 88.3 NJ Newark, legal ID, jazz 870
1011 WADB 95.9 NJ Point Pleasant, something
available at WADB studios (stickers?) 860

AUGUST 1992 DX

1 Es
1811 KHOW 95.7 CO Denver, 770
KQIX 93.1 CO Grand Junction 940

5 Es

1220 Monterrey, Mexico to 101.3

5 GW

1247 WLMD 104.7 IL Bushnell, "Bushnell, Macomb
and Colchester, this is your radio station...104.7
WLMD and WLRB (Simulcast 1510 Macomb days
via LMA, "o" format at night) 8

10 Tr
0600 WOKC 93.7 IN Seymour, legal ID, surprised
to note no dual ID with Columbus on this 265
2146 KNDY 103.1 KS Marysville, Royals BB 320
2200 KRVN 93.1 NE Lexington, nothing on 88.7
2243 KLNE t 88.7 NE Lexington, nothing on 93.1!
2239 KAMI 104.5 NE Cozad, ads, legal @2300490
2251 KLNE 88.7 NE Lexington, ID'ing classical
music // KHNE 89.1 470

19 Tr

0114 K296 107.1 MO Hannibal, Now xting B102
(KBXB 102.3 Canton, "o"), ads, etc 65
0131 WCAZ 92.1 Carthage noted off. 30
Condition of frequency: WJRE-IL, WBST-IN, WHKQ
t - WI, WEIC-IL, and KUOL-IA

0200 KUOL 92.1 IA Ft. Dodge, Kool 92, legal 275
0244 WWW106.7 MI Detroit 410

0300 WCAZ on but very weak (exciter?)
0305 KESD t 88.3 SD Brookings 430

NOTE 1: This one was really a problem, with KMFC and KRLS both stronger. Logged at this time by calling
them and having the same LOCAL preacher on the phone and faintly on 92.1

NOTE 2: Another example of the dangers of "assuming" via even the strongest circumstantial evidence! They
ran an ad which gave an "Arlington Heights" address. If not for near-local grade strength on this, I could have
easily assumed this to be still-needed WCBR. Thankfully these types of "mis-IDs" are extremely rare, and the
first time I've ever heard such on one of my locals.

NOTE 3: Another new Tr on my favorite Tr channel! This gives me 9,287 Tr miles on 106.7, thousands more
than I have on any other frequency.

Summer DX was quite austere, but was highlighted by loggings of BOTH my #1 and #2 most wanted Tr's:
KTTN-92.1 and KAMI-104.5, respectively. KTTN was uncharacteristically close to be needed (due to perpetual
WCAZ blockage, and no phasing yet), and KAMI had "gotten away from me" 2 or 3 times in the past. Hope all
DXers are happy this year despite lack of summer Es. Oh - Merry Christmas, etc to all! 73

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

NOVEMBER 1992 DX

3 Es
2011 WRBQ 104.7 FL Tampa, Q105, r\$, T40 1059
2015 WXQF 97.1 FL Beverly Hills, k\$, in
strong for awhile of WREO, The Country Fox 995

2019 WMTX 95.7 FL Clearwater, Mix 96, r\$ 1067
Tampa area also heard on many other frequencies.

10 Tr's (WDCX 99.5 off the air)
2040 WJBR 99.5 DE Wilmington, strong! 267
2048 WDSN 99.5 PA Reynoldsville, Sunny 99 +
Calls, running the N.E.S.E. network 127

2049 WGAR 99.5 OH Cleveland, k\$ 191
2050 (WBZQ) 99.7 OH Columbus, rp\$, ex WMGG 306
2100 WDFX 99.5 MI Detroit, top 40\$, still these c's 232

2114 WGAY 99.5 DC Washington, Wiantenna NNE?
this completes Washington for me 290

AUGUST 21 Tr

2123 WKJF 92.9 MI Cadillac, Tigers BB, rare 405
WKPK 106.7 MI Gaylord 440

23 Tr

0256 KORS 92.5 MN Golden Valley, called
faded up, AOR 345

0306 WCAZ noted off the air again!
0315 WHKQ 92.1 WI Racine, calls 200

0559 KMFC 92.1 MO Centralia, sign on 140
0600 WJRE 92.1 IL Kewanee, sign on
(was on all night the 19th??) 80

0605 KRLS 92.1 IA Knoxville 150
0642 KCBW 92.1 MO Sedalia 220

0733 KTTN 92.1 MO Trenton, NOTE 1 185
0803 WCAZ back but weak, 300 to 400 watts?

0826 WGBQ 92.7 IL Galesburg, NOTE 2 40

SEPTEMBER 1992 DX

12 Tr

2200 W LC 106.7 IN Mt. Vernon, legal ID with
Evansville, was WVLC or WBLC NOTE 3 230

2202 WSTZ 106.7 MS Vicksburg 550
2206 KLOW 103.1 MO Caruthersville,
Cardinals baseball ending 300

2219 WMJJ 96.5 AL Birmingham 525

13 Tr

0346 WKXI 107.5 MS Magee, Kixie 107 570
0355 KMGC 106.1 LA Monroe 575

0459 WZOE 98.1 IL Princeton, Z98 is WZOE
FM Princeton, your favorite oldies" 100

WRDU 106.FM
Only The Finest Rock & Roll

Nov 10 Tr's cont.

2116 WTKW 99.5 NY Bridgeport, new on on in the
Syracuse area, k\$, "TK-99" nice signal 139

11 Tr & GW

2300 WCOU 88.3 NY Warsaw, oh no another local
ruining a good frequency tool religious as part
of the Family Life Net (WCII 90.3, WCII 88.5 etc) 26

2309 WMUS 106.9 MI Muskegon, k\$, 107MUS 373
2315 WTKM 104.9 WI Hartford, calls, polkas 489

12 Tr's (92.9, 94.5, 99.5, 102.5, 107.7 all off: 50-70mph winds)
2312 WLTJ 92.9 PA Pittsburgh, Lite FM 185

2315 WGTZ 92.9 OH Eaton, top 40 music

Thanks to all of you who reported to this column during 1992.
I have really enjoyed typing up the columns. I hope all of you
continue to do so in 1993, and maybe we will see some new
reporters too! Happy Holidays!

73, Greg

SPECIAL REPORT



1992 WTFDA CONFERENCE PITTSBURGH PENNSYLVANIA

TEXT by Tom Bryant-Nashville, Tennessee
PHOTOS by dBruce Hall-Brantford, Ontario CANADA

It's fortunate that our hobby has conditioned us to disappointment, frustration, and the unexpected; because all were very much a part of the 1992 WTFDA gathering in Pittsburgh.

Charter member and perennial convention attendee Joe Gragg noted that this was the first convention (ever) where the host did show up...it's also interesting that not a single WTFDA member attending was from the host state...Pennsylvania!

A total of 14 members and 3 non-members were present at one time or another over the weekend...they were: IL - Bill Eckberg and Marv Shults; MD - Gus Mancuso and Tom Yingling; NJ - Bill Burrows and Bob Smolarek; NY - Greg Coniglio and Mike Lapinski; OH - George Greene and Tom Leu; ON - Bruce Hall; PA - John Malicky; TN - Tom Bryant and Doug Smith; TX - Joe Gragg; WV - Bill Swiger and Willard Swiger.

The location, The Pittsburgh Motel, was probably about the worst possible site anyone could have chosen. In pre-interstate highway days it might have been fairly nice, but time had taken its toll. Even worse, it was situated in a valley near the bottom of a very steep hill. Line of sight was less than 1/4 mile. The place was surrounded by trees and hilltops. DXing at this location was next to impossible and no dx catches were logged. Even the picture on the local cable system was terrible!

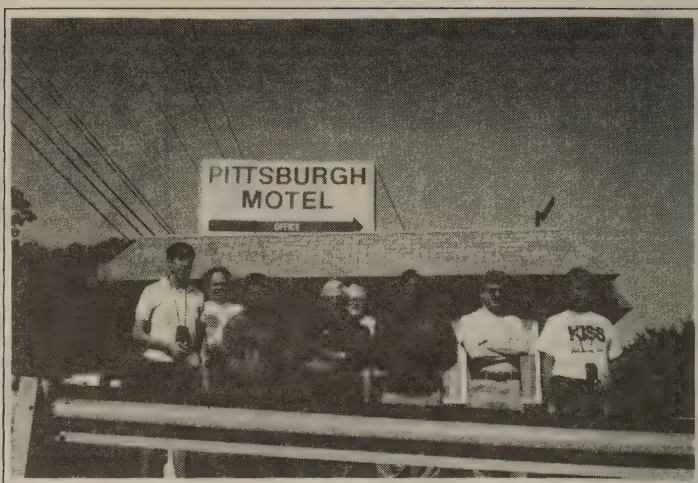
Four of the guys opted to stay at a hilltop motel about a mile away. Bob Smolarek managed to squeeze a Stereo Probe 9 into his Motel 6 room, but wasn't doing much bragging about big catches!

Minus the guidance of a host; and with no planned agenda; the weekend was more or less a 'do your own thing' affair. The Probe 9'ers took a side trip to Johnstown, while most of the rest of the group explored the Greater Pittsburgh area.

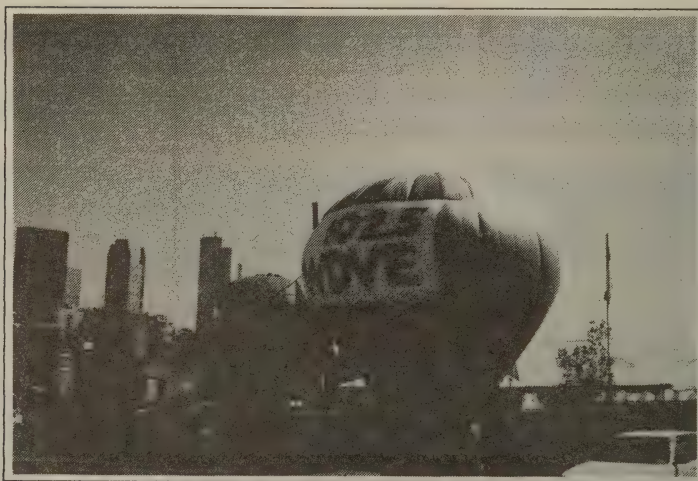
Conventioneers spent the two evenings migrating from room to room to shoot the breeze, nail down (if possible) unid's, and look through albums of dx photos and stacks of old QSL cards and other memorabilia. Although several people brought videotapes, there was no machine available to play them. An effort to rent a VCR was unsuccessful.



PITTSBURGH CONVENTION REPORT



IN FRONT OF THE 1992 CONFERENCE MOTEL: George Greene-OH, Joe Gragg-TX, Greg Conglio-NY, Tom Bryant-TN, Tom Leu-OH, Doug Smith-TN, Gus Mancuso-MD and Bob Smolarek-NJ. Behind the camera was; dBruce Hall-ON.



102.5 WDE Pittsburgh PA helium balloon along "radio row" near downtown Pittsburgh.



on Saturday; Greg Conglio, Bob Smolarek, dBruce Hall and George Greenc went over to Johnstown PA and a visit to WKQS-FM.

Did we have a good time? You bet! In spite of the adversities, the true dx'er spirit prevailed. There's something indescribably thrilling about being with a group that shares your interests; and the same bond that holds us together in the hobby managed to salvage a convention that could easily have been a disaster. I don't think there was anyone there who didn't enjoy himself.

Most of those attending drove to Pittsburgh and were treated to more than ample servings of America's favorite summertime activity...highway construction. Even long delays, detours, and terrible roads didn't deter the hardy WTFDA'ers. Bill Burrows of NJ made his longest solo drive ever to join the WTFDA crowd.

As you might expect, the biggest topic of the weekend was the whereabouts of convention host Michael Goetsch...his answering machine had not been cleared for quite some time...the folks at the motel were a bit put out about all this, too. Seems they knew even less about what was going on than we did...they opened a small meeting room for the group. To the best of my knowledge that was on the house.

In retrospect, this may turn out to be one of the most talked about WTFDA conventions ever...it certainly was one of the strangest. Just so there's no doubt, we DID enjoy ourselves; but I doubt that anyone is interested in an encoure of August 11 - 13, 1992 in Pittsburgh.

EDITOR'S NOTE:

After this report was submitted, WTFDA received several complaints and comments about the missing convention host and the status of the ASSOCIATION TO PROMOTE 49 MHz, which was founded by the host. A Texas DXer, for instance, complained that he had sent money to Michael Goetsch to receive his newsletter, and had not heard from him. An Ohio WTFDAer found out that Goetsch's Ohio address was merely a mail drop, with the boxholder apparently now living in Pittsburgh. Then we noticed that Mr. Goetsch's WTFDA membership expired, and he had not renewed. As rumors flew about his whereabouts and business practices, months passed. The mystery has finally been solved. We've just received a belated renewal from Mr. Goetsch with this note of explanation: "I regret that due to hospitalized illness I was unable to chair the conference; I hope all there had a good time nonetheless." We sincerely hope Mr. Goetsch is feeling better these days. Those wishing to contact Michael about the status of the 49 MHz club, or send a card, etc., can reach him via 1242 Palo Alto St., Pittsburgh, PA 15212



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